

# CV

## Software Developer and Architect

➤ **Name:** **Okhtay Sattari**

➤ **Main Skills and Experiences:**

★ **Software Architecture Design (Object / Service Oriented Design)**

★ **Algorithm Design and Implementation**

★ **Software Development (PHP / JavaScript / SQL / NoSQL)**

★ **Web / Mobile Development (HTML / CSS / JavaScript / React Native)**

➤ **Summary:** The ability to use information and analyze and solve complex problems is much more important than just knowledge held in the mind because nowadays, information is available online and can be easily accessed from anywhere, anytime. **I am a fast problem solver.** I have extensive experience in developing APIs, web services, administration panels, CRM systems, e-commerce systems, learning management systems, and e-commerce websites, which are integrated with external systems or services such as payment gateways, shipping systems, accounting systems, notification and messaging systems, and government systems.



➤ **Employment Types:** Full-time / Freelancer / Project

➤ **Education:** IT Engineering (Master's degree)

➤ **Spoken Languages:** Turkish, English, Persian

➤ **Nationality:** **Turkish Citizen**

➤ **Location:** Istanbul, Turkey

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➤ **Secondary Email:** okhsat@gmail.com

➤ **Mobile:** +90 535 391 47 17

➤ **LinkedIn:** [www.linkedin.com/in/okhtay-sattari-6141b233](http://www.linkedin.com/in/okhtay-sattari-6141b233)

➤ **CV URL:** [www.okhtay.name/cv/okhtay-sattari.pdf](http://www.okhtay.name/cv/okhtay-sattari.pdf)

➤ **Resume URL:** [www.okhtay.name/resume/okhtay-sattari.pdf](http://www.okhtay.name/resume/okhtay-sattari.pdf)



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## ➤ Previous Jobs

- **ElitSoft / Nohut Academy**, Istanbul - Employed *Senior Software Developer* (July 2023 - January 2025): Laravel PHP Framework, MySQL, MongoDB, Redis, React, Alpine.js, Tailwind CSS, Learning Management System.
- **PATH**, Istanbul - Employed *Senior Full-stack Web Developer* (May 2022 - June 2023): Symfony PHP Framework, PostgreSQL, MySQL, MongoDB, Elastic/Solr Search, Wordpress, jQuery, Bootstrap CSS, Team Working (Git, Jira, ClickUp). News Website, E-Commerce.
- **ONE IT Solution**, Istanbul - Project-based *Senior Software Developer* (January 2022 - March 2022): Laravel PHP Framework, MySQL, Vue.js, Bootstrap CSS, Digital Ocean, Ubuntu, E-Services.
- **Adim Adim**, Istanbul - Employed *Senior Software Developer* (May 2018 - November 2021): Phalcon PHP Framework, MySQL, jQuery, Bootstrap CSS, E-Commerce website, custom CRM system, API services, Administration Panel, System Integrations.
- **Lorem Ipsum**, Istanbul - Employed *Senior Software Developer* (November 2016 - January 2018): TPS PHP Framework (my own framework), MySQL, jQuery, Bootstrap CSS, custom CRM system, Marketing Models, System Integrations.
- **Freelancing**, Tehran - Freelancer *Software Developer* (2010 - 2016): Joomla, TPS PHP Framework (my own framework), MySQL, JavaScript, jQuery, Bootstrap CSS, Electronic Organization.

## ➤ Education

- **IT Engineering - Master's degree**, Tarbiat Modares University, Tehran, Iran (August 2007 - July 2010): Service Oriented Architecture, Web Services Technologies, Semantic Web, Ontologies.
- **Industrial Engineering - Bachelor's degree**, K. N. Toosi University of Technology, Tehran, Iran (August 2002 - February 2007): System Analysis, Planning.



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## ➤ Technical Skills:

- **Software Architectural Design:** I have significant experience in Object Oriented Architectural Design. These experiences are reflected in my software development projects. For applications and software systems, depending on the requirements of projects or businesses, I can design and implement classic **MVC Monolithic** architecture, **API/Clients** architecture or **Microservices/API Gateway/Clients** architecture, and for services, both types of **REST API** or **GraphQL API**.
- **Back-end Technologies** that I can use are **PHP** and **JavaScript (Node.js)**. I can work with any **PHP** software development framework like **Laravel**, **Symfony**, **Phalcon**, **Yii**, **CodeIgniter**, **Wordpress**, **Joomla** etc. I worked with **Laravel Framework** to build API services, and a Learning Management System (LMS). I worked with **Symfony Framework** to develop API services, websites, and administration panels. I worked with **Phalcon Framework** to build API services, a CRM system, and an e-commerce website. I worked with **Wordpress Framework** and **Joomla Framework** to build extensions for these platforms/CMSs. In the past I have also created my own PHP Framework i.e. **TPS Framework**. I can develop web applications with pure PHP without using any third party framework. I can work with popular **Node.js** frameworks like **Express**, **NestJS**, **Fastify** and **Socket.IO**.
- **Front-end Technologies** that I can use are **HTML / CSS** (Tailwind CSS, Bootstrap CSS, CSS Modules) / **JavaScript** (React, Vue.js, Alpine.js, jQuery, React Native ...).



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- **Database Experiences: SQL -> MySQL/PostgreSQL, NoSQL -> MongoDB/Redis.** I have significant experience in writing complex SQL queries leading to web applications with high performance and scalability. I have worked with NoSQL databases, ElasticSearch and Solr.
- **Experiences as a Full-stack Developer:** I can build the back-end and front-end of web applications using popular PHP or Node.js frameworks like Laravel, Symfony, Phalcon, Express, and popular JavaScript libraries or frameworks like React, Vue.js, Alpine.js, jQuery or from scratch without using any third party frameworks.
- **Continuous Integration and Continuous Delivery/Deployment (CI/CD):** I can design and implement CI/CD pipelines for Github or Bitbucket platforms or use popular CI/CD tools to automate source code integration, build, testing, merging and deployment.
- **Recent Prominent Projects:** I was a senior full-stack software developer in the technical team of Nohut Academy and the sole developer of its LMS administration panel and the first version of its Penpan application. The project is described at [www.okhtay.name/projects/nohut-learning-management-system](http://www.okhtay.name/projects/nohut-learning-management-system). I was a full-stack web developer in the technical team of [www.sozcu.com.tr](http://www.sozcu.com.tr), a very popular news website in Turkey. The project is described at [www.okhtay.name/projects/sozcu-website-admin-panel](http://www.okhtay.name/projects/sozcu-website-admin-panel).



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## ➤ Explanation:

- As a Software Developer and Architect, I am ready to play an influential role in your organization or company, and I am interested in improving and developing your organization or company in some aspects with my technical activities and experiences, requested and guided by your managers.
- I am ready to build high quality software systems, applications or websites for you or your clients and satisfy you or your clients by meeting quality (functional and non-functional) requirements.
- I am ready to collaborate effectively with members of your team on software development projects using a variety of communication and project management tools or directly in person.
- I can speak and write in three languages: Turkish, English and Persian.
- My university degrees have been assessed by IQAS and details can be viewed at [www.okhtay.name/cv/iqas-assessment.jpg](http://www.okhtay.name/cv/iqas-assessment.jpg).
- I can participate in video/audio interviews with recruiters or employer company representatives when both parties are available. I can also communicate and chat with them via messaging when necessary.
- I can take a technical test organized by an employer company or develop some small applications upon request to demonstrate my software development skills and abilities remotely.
- I can relocate to Europe or North America. But, I will need sponsorship to move to these countries. However, I can start to get familiar with your projects and work before moving to your country and city.



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## ➤ Summary of Experiences and Projects:

### 1) Nohut Learning Management System

**Project Web Page:** [www.okhtay.name/projects/nohut-learning-management-system](http://www.okhtay.name/projects/nohut-learning-management-system)

**Date:** July 2023 - January 2025

**Employer:** ElitSoft ([www.elitsoft.net](http://www.elitsoft.net)), Nohut Academy ([www.nohutakademi.com](http://www.nohutakademi.com))

Istanbul, Turkey

**Role:** Full-stack senior developer

(The sole developer of LMS and the first version of Penpan)

**Technologies / Platforms:** PHP, MySQL, MongoDB, Redis, Laravel, React, Alpine.js, Tailwind CSS, Bootstrap CSS

#### **Project Description:**

The project first started at ElitSoft company, and then continued at Nohut Academy company.

Nohut Academy Learning Management System (LMS) was developed using Laravel PHP Framework, React JavaScript UI Library, Alpine JavaScript Framework, and Tailwind CSS Framework mainly. It is used by Nohut Academy and its related educational institutions ([nohutakademi.com](http://nohutakademi.com), [nohutbilgi.com](http://nohutbilgi.com), [linkkurs.com](http://linkkurs.com), ...) and its clients such as schools and university admission preparatory institutes.

Laravel Framework was used to implement and develop an administration panel and OAuth 2.0 based API. The API provides secure access to the server-side system by various types of client applications including a React app called "Penpan". Penpan provides an environment for taking exams and studying. The administration panel is used by various types of users with different access levels or roles and permissions that act or cooperate in a complex educational



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organization, including its branches and channels, their various personnel, teachers, students and their parents.

MySQL relational database system is used to store core data. MongoDB NoSQL database system is used to record historical data, which is the events of data changes in the system. Also, Redis NoSQL database system is used to create and process queues. Queues are used to record historical data and events, send notifications, and process special files, such as converting booklet PDF files to images and storing them in the file delivery repository.

The user interface of the administration panel was developed using Tailwind CSS Framework and Alpine JavaScript Framework. In addition, Vite.js tools were used in the front-end development of the administration panel.

"Penpan" and other client applications are developed using React JavaScript UI library, some of its popular components, as well as some other necessary and useful JavaScript modules or libraries. The Penpan app provides an environment for viewing book and exam pages, drawing digitally, zooming, padding and selecting question answers on these pages, taking exams and viewing exam results and related statistics.

System status or technical information can be viewed and monitored using popular Laravel tools such as Telescope, Horizon, and Pulse.

This system has been designed and engineered to handle and manage complex learning processes involving various types of entities and their relationships. These entities include Gains, Contents, Live Lessons, Study Plans, Learning Media including Videos and PDFs, Exam Booklets, Question Booklets, External Exams, Homeworks, Learning Packages, University Programs etc.

... Read more at

[www.okhtay.name/projects/nohut-learning-management-system](http://www.okhtay.name/projects/nohut-learning-management-system)



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## 2) E-Commerce Website/System Development/Maintenance

**Project Web Page:** [www.okhtay.name/projects/path-development-maintenance-projects](http://www.okhtay.name/projects/path-development-maintenance-projects)

**Date:** May - August 2022, February - June 2023

**Employer:** PATH ([www.path.com.tr](http://www.path.com.tr))

Istanbul, Turkey

**Role:** Full-stack web developer in the development team

**Technologies / Platforms:** PHP, MySQL, PostgreSQL, SolrSearch, Redis, Symfony, jQuery, Bootstrap CSS

**Projects:** IDEFIX, VNG Property, Basi Systems, Tourist Pass, Guven Hospital

### Project Description:

A custom e-commerce system was developed from scratch for an e-commerce company called IDEFIX using Symfony framework, PostgreSQL, MongoDB, ElasticSearch etc. The entire system has many subsystems including product management subsystem, order management subsystem, payment subsystem, promotion management subsystem, content management subsystem, notification subsystem, search subsystem, authentication subsystem, log subsystem, etc., and is integrated with other systems or services.

Additionally, maintenance or development work continued for the websites and administration panels of VNG Property ([www.vngproperty.com](http://www.vngproperty.com)), Tourist Pass ([www.istanbultouristpass.com](http://www.istanbultouristpass.com), [www.cappadociatravelpass.com](http://www.cappadociatravelpass.com)), Basi Systems ([www.basisystems.com](http://www.basisystems.com)) and Guven Hospital using Symfony framework, MySQL, SolrSearch, jQuery, etc.





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## 3) [www.sozcu.com.tr](http://www.sozcu.com.tr) Website and Administration Panel

**Project Web Page:** [www.okhtay.name/projects/sozcu-website-admin-panel](http://www.okhtay.name/projects/sozcu-website-admin-panel)

**Date:** August 2022 - February 2023

**Employer:** PATH ([www.path.com.tr](http://www.path.com.tr))

Istanbul, Turkey

**Role:** Full-stack web developer

**Technologies / Platforms:** PHP, MySQL, jQuery, Node.js, Wordpress

### Project Description:

[www.sozcu.com.tr](http://www.sozcu.com.tr) is among the 20 most popular websites in Turkey. It is a popular news website that its maintenance and development project was outsourced to PATH. The main website has been built and developed on Wordpress content management system. A number of custom Wordpress plugins were developed to meet some special requirements of managing a news website. A special plugin was developed to sort articles and fix ads on the finance page of the website. A special plugin was developed for manual cropping of images according to a predefined aspect ratio before they are added to articles by editors. A special plugin was developed to plan and manage ads displayed on the homepage of the website. Ads are displayed on the website according to their pre-planned start and end dates and times, as well as the device (mobile or desktop), position and order specified for them. In addition, other features were added to the website or existing ones were improved. For example, the subscription website and its payment method were improved.



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## 4) 2EL Birinci API and Administration Panel

**Project Web Page:** [www.okhtay.name/projects/2el-birinci-api-admin-panel](http://www.okhtay.name/projects/2el-birinci-api-admin-panel)

**Date:** February-March 2022

**Employer:** One IT Solution ([www.oneitsol.com](http://www.oneitsol.com))

Istanbul, Turkey

**Role:** Sole developer

**Technologies / Platforms:** PHP, MySQL, Laravel, Vue.js, Bootstrap CSS

### Project Description:

A REST API was developed using Laravel framework, and based on the developed API, Vue.js based client application was developed as an administration panel. This system provides functionalities for user management, customer management, car brand management, car service package management, website content management, job applicant/application management, used car listing view and car service appointment management.

Customers can register on the website and then log in to the website. They can view car advertisements published for sale or rent on the website. They can add or remove advertised cars from their favorite lists. They can also send a car service request to the system. In car service requests, they need to specify car information such as brand, model, year of production, mileage, plate number, and service information such as service type (quick service or car care), service package or service details, and service appointment date and time that is convenient for them.

... Read more at

[www.okhtay.name/projects/2el-birinci-api-admin-panel](http://www.okhtay.name/projects/2el-birinci-api-admin-panel)



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## 5) AdimAdim API and Administration Panel

**Project Web Page:** [www.okhtay.name/projects/adimadim-api-admin-panel](http://www.okhtay.name/projects/adimadim-api-admin-panel)

**Date:** June - December 2021

**Employer:** Adim Adim (www.adimadim.com),  
EarlyLearn (www.adimadim.de, www.earlylearn.com)  
Istanbul, Turkey

**Role:** Sole developer

**Technologies / Platforms:** PHP, MySQL, Phalcon, jQuery

### Project Description:

This practical administration panel was developed to securely simplify some tasks frequently performed by operators, without having to use the company's old and complicated administration system.

An OAuth2 based REST API was developed using Phalcon Framework. Also, a custom jQuery-HTML-CSS based client application was developed as a new administration panel based on the developed API Services. The client-server interaction was implemented by jQuery AJAX technology, and all the data presentation sections of all client pages are dynamically generated using the functions of jQuery library. This client application is completely modular. All its codes are primarily divided into three directories: HTML, CSS and JavaScript. The HTML directory is also divided into two directories: Header and Body. Then, in each of these directories, there is a custom HTML, CSS and JavaScript file for each module of the system. Thus, each module or page of the client application such as "Subscription List", "Order List" and "Customer List" has its own custom HTML header, HTML body, CSS style and JavaScript file.



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## 6) AdimAdim CRM System

**Project Web Page:** [www.okhtay.name/projects/adimadim-crm-system](http://www.okhtay.name/projects/adimadim-crm-system)

**Date:** May 2018 - August 2021

**Employer:** Adim Adim ([www.adimadim.com](http://www.adimadim.com)),  
EarlyLearn ([www.adimadim.de](http://www.adimadim.de), [www.earlylearn.com](http://www.earlylearn.com))  
Istanbul, Turkey

**Role:** Senior developer

**Technologies / Platforms:** PHP, MySQL, Phalcon, jQuery, Bootstrap CSS

### Project Description:

Adim Adim CRM is a type of CRM system that enables businesses to manage web content, customers, call requests and dialogues, subscription-based (continuous) orders, and marketing campaigns based on complex business logics. It was primarily developed for a trading company based in Istanbul, Turkey, specializing in designing, organizing, and selling baby training sets for different baby ages from 9 to 48 months. These training sets were being sent every month to the subscriber customers who had previously paid for the products once or who paid monthly. However, this system can be adapted to be used by any company that sells and sends some products to subscribed customers according to a subscription-based business model.

Adim Adim CRM system was developed based on classic MVC architecture using Phalcon Framework and MySQL database system to provide high performance and scalability for large amounts of data and interaction. Data of more than 350,000 customers including their orders, dialogs, addresses and children data were imported to the system and the performance and speed of the ...

... Read more at

[www.okhtay.name/projects/adimadim-crm-system](http://www.okhtay.name/projects/adimadim-crm-system)



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## 7) AdimAdim E-Commerce Website

**Project Web Page:** [www.okhtay.name/projects/adimadim-e-commerce-website](http://www.okhtay.name/projects/adimadim-e-commerce-website)

**Date:** September 2018 - November 2021

**Employer:** Adim Adim ([www.adimadim.com](http://www.adimadim.com)),  
EarlyLearnly ([www.adimadim.de](http://www.adimadim.de), [www.earlylearnly.com](http://www.earlylearnly.com))  
Istanbul, Turkey

**Role:** Senior developer

**Technologies / Platforms:** PHP, MySQL, Phalcon, jQuery

### Project Description:

An e-commerce website was developed for a trading company based in Istanbul, Turkey, specializing in organizing and selling baby training sets for babies aged from 9 to 48 months. The website was developed using Phalcon framework. This website provides the user interface and functionalities required for user registration, login, editing profile, adding/editing addresses, adding/editing children, viewing customer subscriptions/orders, and implements the order submission process or wizard. This website also includes various special pages such as blog posts and categories, product listing and detail pages, pricing page, distribution channels list, and contact page.

The implemented business model is generally based on subscription-based orders; that is, customers order a set of products instead of a single product, taking into account the age of their children, and receive the products month by month as their children grow up and therefore need more advanced training sets to learn and develop their skills.

... Read more at

[www.okhtay.name/projects/adimadim-e-commerce-website](http://www.okhtay.name/projects/adimadim-e-commerce-website)



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## 8) Lorem Ipsum CRM System

**Project Web Page:** [www.okhtay.name/projects/lorem-ipsuma-crm-system](http://www.okhtay.name/projects/lorem-ipsuma-crm-system)

**Start Date:** November 21, 2016

**End Date:** January 22, 2018

**Employer:** [www.loremipsuma.com](http://www.loremipsuma.com), Istanbul, Turkey

**Role:** Sole developer

**Technologies / Platforms:** PHP, MySQL, TPS PHP Framework, jQuery

### Project Description:

Lorem Ipsum CRM is a custom, full-featured CRM system built for a marketing startup company based in Istanbul, Turkey. Thanks to its well-designed architecture, this CRM system is a highly extensible and maintainable software system that can be easily and quickly adapted to the new and changing requirements of a marketing company in a very competitive business environment. Its architecture is completely object-oriented and it was developed entirely according to the MVC design pattern. Its core is based on the TPS framework, a PHP framework developed to implement extensible, flexible and highly customizable business applications.

This CRM system can handle many complexities including but not limited to localization and multilingualism, flexible access control management, user management, customer management, contact information management, product management, request and order management, event handling and event reports for orders, customers, users and products, representative management, shipping management, landing page integration, S2S postback integration (with referrers), API based integration, affiliate accounts and management, ...

... Read more at

[www.okhtay.name/projects/lorem-ipsuma-crm-system](http://www.okhtay.name/projects/lorem-ipsuma-crm-system)



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## 9) Basic Shopping App by Pure PHP

**Project Web Page:** [www.okhtay.name/projects/basic-shopping-app](http://www.okhtay.name/projects/basic-shopping-app)

**Project GitHub:** [github.com/okhsat/shopping](https://github.com/okhsat/shopping)

**Date:** December 2021 - Two weeks

**Employer:** Self Employment (Developed for demonstration/prototyping)

**Role:** Sole developer

### Project Description:

"Basic Shopping" is a small, powerful and easy to use shopping cart solution. It provides all the functionality and user interfaces needed for user registration, login, profile update, product rating, adding / removing from shopping cart, payment with user's available credit / balance and presentation of user's past orders.

Basic Shopping was built by Pure PHP on the backend or server side. No external PHP frameworks or PHP libraries were used to build this small yet powerful web application. It was implemented based on MVC design pattern and implements some basic coding features like autoloading and routing. Therefore, it is highly extensible and maintainable.



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## 10) Modamolo Category Matching System

**Project Web Page:** [www.okhtay.name/projects/modamolo-category-matching-system](http://www.okhtay.name/projects/modamolo-category-matching-system)

**Date:** April 2018 - Two weeks

**Client:** Modamolo Shop

**Role:** Sole developer

### **Project Description:**

It is a small but powerful web application for matching product providers' categories with vendor categories defined in an OpenCart e-commerce system. Product providers' categories are extracted from xml exports published in their web addresses. Vendor's categories are obtained from its OpenCart API working based on OAuth 2.0 protocol. Matching results are exported as a set of Excel functions that can be used to import product data from a provider xml file to the vendor OpenCart system. The system was developed using TPS framework. Also, jQuery AJAX technology was used to obtain vendor categories from its OpenCart system.





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## 11) Order Processing Automation for Online Store

**Project Web Page:** [www.okhtay.name/projects/tehrankala-order-processing-automation](http://www.okhtay.name/projects/tehrankala-order-processing-automation)

**Date:** May 2016 - One month

**Client:** Tehran Kala Company, An Online Store (Retailer)

**Role:** Sole developer

### **Project Description:**

A web application was developed for processing orders, transferring orders from one status to another, displaying and reviewing various types of information regarding the process from creation of orders to delivery of products or items to customers. It includes a jQuery-based user interface to handle various barcode types, such as invoice barcodes, product barcodes, postal or courier barcodes, and operator barcodes, and automates the process of fulfilling orders by changing their status, assigning postal services or couriers to them, recording their history, reviewing their items, and matching various documents with them.

## 12) A Client Application for Buying and Advertising Offers

**Project Web Page:** [www.okhtay.name/projects/client-buying-advertising-offers](http://www.okhtay.name/projects/client-buying-advertising-offers)

**Date:** April 2016 - One month

**Client:** An Independent Entrepreneur

**Role:** Sole developer

### **Project Description:**

A jQuery AJAX based user interface was developed to interact with a web service in JSON format to perform various actions and present data. It provides the user interface for login and logout, user registration, password recovery, editing user account and profile, mailing contact form and user messages, getting reference



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number that users will use to add credit to their accounts, payback request, getting live offers and user offers and presenting their lists by paginating them on the client side, purchasing offers, and editing offers or adding new offers by the relevant user. It uses lightbox to display action forms, performs form validation, and meets responsive design requirements.

## 13) Office Automation System Alignment and Deployment

**Date:** April 2015 - April 2016

**Employer:** Sahand Azar Company

**Role:** System Manager, Aligner, Coordinator and Trainer

### **Project Description:**

An Office Automation System provides electronic delivery, exchange and storage of all documents and internal or external letters of a company. It is a web-based software system that makes all documents and letters of a company accessible from anywhere at any time. An Office Automation System was selected and purchased to be installed on the dedicated server of Sahand Azar company to be used to store and exchange documents and letters throughout the organization, including the main office in Tehran and sites or workplaces in other parts of Iran. The system was configured according to the specific requirements of the company and the company personnel were trained to use it.



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## 14) TPS Software Framework

**Project Web Page:** [www.okhtay.name/projects/tps-software-framework](http://www.okhtay.name/projects/tps-software-framework)

**Date:** July 2010 - April 2018

**Employer:** Self Employment (used for serving the clients)

**Role:** Sole developer

### **Project Description:**

“TPS Software Framework” is a standalone, powerful and highly extensible, flexible and maintainable software framework written in PHP programming language, as a set of classes that implements the core functionalities required to create a custom Electronic Organization Management solution, including Customer Relationship Management (CRM) solution.

TPS Framework provides some high-level classes to implement various business models. It includes several high-level concepts such as “Entity”, “Relationship”, “List”, “Media Manager”, “User Content”, “Notification”, “User Visibility Policy”, “Object Event”, “Component” and “Platform Connector” to make the creation of complex (business) applications much easier and faster by increasing the extensibility and maintainability of the system.

... Read more at

[www.okhtay.name/projects/tps-software-framework](http://www.okhtay.name/projects/tps-software-framework)



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## 15) TPS Electronic Organization Management System

**Project Web Page:** [www.okhtay.name/projects/electronic-organization-management-system](http://www.okhtay.name/projects/electronic-organization-management-system)

**Date:** July 2010 - October 2015

**Employer:** Self Employment (used for serving the clients)

**Role:** Sole developer

### **Project Description:**

"Electronic Organization" is an enterprise that can develop completely over the web. It does marketing, finds clients and customers, sells goods, and organizes and provides services to its customers and clients over the web. It finds and organizes its partners, collaborators and employees over the web. It finds investors and entrepreneurs for innovation and development and organizes them over the web. Electronic Organization can organize and manage all its resources and relationships over the web.

TPS "Electronic Organization Management System (EOMS)" is a web-based software system that enables and realizes the existence and operation of an electronic organization. TPS EOMS provides functionalities for defining or creating various types of entities, user profiles, user visibility policies, notifications, relationships and user content, and for integrated management of all media across the organization. Therefore, TPS EOMS enables a business to develop completely over the web.

... Read more at

[www.okhtay.name/projects/electronic-organization-management-system](http://www.okhtay.name/projects/electronic-organization-management-system)



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## 16) Barcode Lookup System

**Project Web Page:** [www.okhtay.name/projects/barcode-enquiry-system](http://www.okhtay.name/projects/barcode-enquiry-system)

**Date:** January 2017 - One week

**Employer:** [www.loremipsuma.com](http://www.loremipsuma.com), Istanbul, Turkey

**Role:** Sole developer

### Project Description:

This system provides a public user interface to query the validity of product barcodes by barcode, customer name and phone number. The query response process is performed by the system based on an existing database of product names and their valid barcodes. If the entered barcode is valid, the customer's name and phone number and the names of the queried products are recorded in the database. There is also an administration panel to view product barcodes and customer information.

## 17) XML Backup and Migration Tools

**Project Web Page:** [www.okhtay.name/projects/xml-backup-migration-tools](http://www.okhtay.name/projects/xml-backup-migration-tools)

**Start Date:** July 2011

**Employer:** Self Employment (Developed for Our Clients)

**Role:** Sole developer

### Project Description:

“TPS XML Backup and Migration Tools” is a Joomla component that makes it possible to create XML-based backup files from data existing separately in different tables of a database, creating backups from the images folder and creating xml-based migration files from a database to be used for migration to systems with different data models. The created XML-based backup files can be restored back to the database.



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## 18) Iran Stock Market

**Project Web Page:** [www.okhtay.name/projects/iran-stocks-market-system](http://www.okhtay.name/projects/iran-stocks-market-system)

**Date:** August 2013 - Two weeks

**Client:** An Independent Entrepreneur

**Role:** Sole developer

**Project Description:**

“TPS Stock Market System” makes it possible to manage purchased stocks and view statistical data of Iran stock market. It loads statistical data of Iran stock market from a reference website. It also shows instant changes in statistical amounts with two colors: green for increase and red for decrease.

## 19) Many Websites Built

**Project Web Page:** [www.okhtay.name/projects/turan-design-projects](http://www.okhtay.name/projects/turan-design-projects)

**Role:** Sole freelance developer

**Platform/CMS:** Joomla

**Description:**

From 2011 to 2016, many websites were built using the Joomla CMS or platform, including Turan Planners of Software (July 2011 - 1 month), Petro Araz (January 2012 - 1 month), Sahand Kish (March 2012 - 1 month), Turan Designers Group (March 2013 - 5 months), Turan Deniz (May 2013 - 1 month), Sahand Azar (June 2013 - 1 month), Max Investment (July 2013 - 2 months), Safeeran Safety Techniques (Main, Microgard, Uvex - September 2013 - 2 months), Super Gole Tehran (February 2014 - 1 month), BazarExpo B2B Portal (April 2014 - 2 months), Language Club (April 2014 - 6 months), Tejarat Sazan Rahbordi (June 2014 - 2 months), Pad Jameh (July 2014 - 2 months), Yaghut Jam (August 2014 - 1 month), Tamadon Sazan Ferdowsi (September 2014 - 1 month), Ilia Medical



# CV

(March 2015 - 1 month), Kotam Gostar (February 2016 - 2 Months), Keyhan Gostar Steel (October 2016 - 2 weeks).

... Read more at

[www.okhtay.name/projects/turan-design-projects](http://www.okhtay.name/projects/turan-design-projects)

## 20) TPS Semantic Similarity Computer

**Project Web Page:** [www.okhtay.name/projects/semantic-similarity-computer-module](http://www.okhtay.name/projects/semantic-similarity-computer-module)

**Employer:** Malek Ashtar University

**Role:** Sole developer

**Project Start Date:** June 2012

**Project Duration:** Three Months

### **Project Description:**

It is an application that calculates the semantic similarity between two concepts defined in an OWL ontology. This application was implemented as a Liferay portlet by Java programming language based on Jena semantic web framework and Pellet reasoner, and uses a sophisticated semantic similarity calculation algorithm that calculates the similarity between two concepts based on the extent to which the two concepts overlap or share common instances.



# CV

## 21) TPS Semantic Service Matchmaker

**Employer:** Tarbiat Modares University

**Role:** Sole developer

**Project Start Date:** July 2009

**Project Duration:** Three Months

**Project Description:**

It is a Windows application implemented in Java programming language and semantically matches a web service request with all web services in the repository and finds and ranks web services that can satisfy this web service request. It uses the simple Paolucci web service matchmaking algorithm. Furthermore, web services are semantically described based on OWL-S ontology.





# CV

## ➤ Education:

### 1) Master's Degree in IT Engineering

**Focus:** IT Systems, Service Oriented Architecture, Semantic Web

**University:** Tarbiat Modares University, Tehran, Iran.

**Translated Document:** [www.okhtay.name/cv/master-degree-translated.jpg](http://www.okhtay.name/cv/master-degree-translated.jpg)

**Original Document:** [www.okhtay.name/cv/master-degree.jpg](http://www.okhtay.name/cv/master-degree.jpg)

### 2) Bachelor's Degree in Industrial Engineering

**Focus:** Planning and System Analysis

**University:** K. N. Toosi University, Tehran, Iran.

**Translated Document:** [www.okhtay.name/cv/bachelor-degree-translated.jpg](http://www.okhtay.name/cv/bachelor-degree-translated.jpg)

**Original Document:** [www.okhtay.name/cv/bachelor-degree.jpg](http://www.okhtay.name/cv/bachelor-degree.jpg)

### • IQAS Assessment:

[www.okhtay.name/cv/iqas-assessment.jpg](http://www.okhtay.name/cv/iqas-assessment.jpg)

## ➤ Interests:

- Mountain Climbing, Walking or Hiking in the nature or cities
- Swimming, Gym, Fitness
- Traveling
- History and Culture, Understanding History and Historical Trends
- Nature, Animals
- Listening to Pop and Rock music

