Mohammad Mehdi Tilab

Senior Full Stack JAVA & Liferay Developer

+98 912 411 22 85 | tilab@tookasoft.com | Tehran, Iran

PROFESSIONAL SUMMARY

Senior JAVA developer with 16 years of experience writing robust code for large companies. Core competencies include increasing code efficiency, support teams to achieve project and company goals & update my knowledge about the latest IT technologies stacks. Expert in J2EE framework such as spring boot, Spring 5, EJB, JSF and etc. I have experience in Linux operation system to deploy web application on there for high availability, caching, clustering and etc. Also, I am expertise in LIFERAY Portal about 10 years that alongside my experience in JAVA create me stronger and flexible in developing applications.

TECH STACK

Back End	Java11, Java 17, Spring 5, IoC, MVC, Spring Boot, AOP, Security, cloud & etc.), REST APIs, Java Web Service SOAP and REST, Lombok, Liferay 3, 4, 5, 6, 7.0, 7.1, 7.3
Front-End & Template engines	HTML5, CSS, JavaScript, jQuery, React Js, ThymeLeaf, FreeMarker
Data Stores	MySQL, MariaDB, Mongo-DB
Web Servers	Apache Tomcat, Apache HTTP Server, Glassfish, Nginx
Operating Systems	Windows, Debian, Ubuntu, Cent OS, Oracle Linux, Docker
Linux Web Server And HA	HAProxy, Varnish, Nginx, Apache httpd
IDE	Intellij Idea, Eclipse
Issue Tracking	JIRA 7 And 8, Trello

EXPERIENCE

Senior Java Developer (Remote) | VirtuDev | Izmir, Turkey   **2021 – Present**

- *Backend API Development of Swedish "Book a Bus".com Startup.*
- *Stack of Technologies: **Java 11**, **Spring Boot**, Security, Rest API, Lombok, Redis, SQL Server*
- *Using **Apache Kafka** for streaming huge requests of mail, SMS, and Push Notification*
- *Integrate **MailJet** Email Service API for send mails*
- *Integrate **Klarna** Payment gateway to payment propose*
- *Gain experience working with **Docker, Kubernetes, Rancher** and **JFrog**, and build **GitLab ci** configuration for **CI/CD***
- *Make secure API with **Spring Security**, **OAUTH2** and **JWT***
- *Using **Swagger** and **Postman** for display documentation and test API. and link to each other using **HATEOAS***
- *Make Unit Testing with **JUnit 5, Mockito BDD, SpringBootTest** and Testing Webservices with **Rest Assured***

Java Spring Lecturer | Anisa Institute | Tehran, IRAN   **2021 – Present**

Anisa education Institute focused on leading Open-source technologies and Java Spring is one of them.

- *120 Hours Spring Class consist of Spring Core, Spring AOP, Security, Spring MVC, Cloud, Microservice and etc.*

CTO and Technical Lead | Tookasoft | Tehran, IRAN   **2010 – 2021**

Tookasoft as Knowledge-enterprise company is known-well in Web Portal industry in IRAN. Main activity of Tookasoft focus on software development base on java enterprise architecture for mobile and web applications.

- *Develop Rightel telecom Self-Care web application that provides various services, from buying packages to paying bills in cluster env with high load traffic. and collecting huge logs via Graylog and cluster mariadb database with galera over 3 nodes. Integrate Some core services with scheduling service base Quartz. Implement 6 bank payment methods with deferent strategy*
- *Create and develop RIGHTEL portal (3w) By LIFERAY solution such as MNP and SIM card auction, JAVA Base charging application include top-up system, develop and integrate API base application, manage OSB system such as install, cluster and define service, code review and code analyzer for increase code efficiency. Hardening service by HAPROXY and VARNISH web accelerator configuration on LINUX.*
- *Also, we have implemented a Captive Wi-Fi portal for Telecommunication Company of IRAN based on LIFERAY 7.1 and integrate with enterprise router such as cisco ASR with Radius protocol.*
- *In the banking field, we have implemented the Maskan Bank portal with more than 50 subdomains and several other systems, like the registry and follow-up loan system with Spring MVC and hibernate. Also Post Bank with about 6000 service offices all over the country was added to our customers. at first the database was Oracle 11g and upgrade that to 19g and codes and queries qualified again.*
- *In Investment field, implement form generator, report generator and data dashboard for collecting sales and buy subsidiary companies of Tamin Pharmaceutical and Tamin oil, gas and energy holding using Spring MVC, Hibernate, YUI, ehCache and Apache lucene.*
- *In Transportation field, Implement POST company of IRAN web Portal and Integrate with tracking subsystems via REST API and cluster elastic search.*
- *Implement mobile bank and internet bank for Sekhavat funds Institute with ReactJS, and REST API and event driven architecture. also Implement backend micro-service with max performance with Spring Boot*
- *Implement IRAN nation Innovation Fund portal and Integrate with BIZAGI BPMS for display workflow and stats of used services In cluster env. in project used SQL Server as database.*
- *Implement Qazvin municipal Portal with 40 subsite and using news workflow based on activity workflow engine.*
- Design and optimize micro service architecture.
- Lead a team with high performing developer and engineers as senior java & frontend developers.
- **Technologies**: JAVA8, JAVA 11, Spring MVC, Spring AOP, Spring-Boot(Spring Cloud & etc.), ReactJS, React Native, Mem-Cache DB like ehCache, lucene, Elastic, Apache Solr, Activity Workflow engine
- **Products:** Rightel.ir, my.rightel.ir, bank-maskan.ir, postbank.ir, post.ir, tpico.ir, Inif.ir & etc.

Senior JAVA Developer | Sharif Tech Center (Pishrovan Sharif Company) | Tehran, IRAN   **2008 – 2010**

Sharif tech Center Is subsidiary of Sharif University of Technology, and manage Innovation companies.

- *Create and Develop Shasta holding Portal base on EJB 3 and Hibernate 3*
- *Cerate clustered liferay with load balancer in liferay 5.1*
- *Upgrade liferay portal 4.2 to 5.1 with new look and feel. Customize Editor for Persian locale and etc*
- *Create some portlets for example News, News Manager, Mail with Postfix Mail Server configuration, customer satisfaction and*

etc

- *Collaborate to portlet development on Communications Company of Iran's Portal (MCI.ir)*
- *Collaborate to portlet development on Social Security Investment Co Portal*
- *Collaborate to portlet development on Telecommunication Infrastructure Company Portal*
- **Technologies**: *JAVA, JAVA EE (Spring MVC, JSF),Hibernate, JPA, MySQL, jQuery.*
- **Products:** SSIC.ir, Tamin.ir, MCI.Ir

Junior Java Developer | System Group | Tehran, IRAN   **2006 – 2008**

System Group (Hamkaran System) is Iran's largest private software development company. The company provides enterprise software and support to businesses of all sizes located across the country.

- *Develop and support exiting web application and fixing bugs for reporting services with SQL Server huge stored procedures.*
- *Develop customer's portal with liferay Portal 3.3 and upgrade to 4.4 with all side effects and redesign portlet with JSF and jQuery and create resource bundle for Persian locale. Create some Theme using nested apache velocity framework in liferay 4.x.*
- *Developed dispatcher System for sales managers and experts with EJB3 persistent API.*
- *Architects, Design and Develop Suggestion flow System Integrated to system group internal site with rule manager and workflow structure with php*
- **Technologies**: *JAVA, JAVA EE (Spring3, JSP, Struts-1.3), SQL Server 2008, Hibernate3, JavaScript, Apache Velocity*

FrontEnd Developer | ParsAzarakhsh Co. | Tehran, IRAN   **2005 – 2006**

Pars Azarakhsh, an independent private company, was incorporated in 1988 in the Islamic Republic of Iran, to provide software solutions, software products and digital data management strategies to governmental and private organization of Iran

- Designed National library of IRAN Web site
- Develop Parslib.com, ParsAzarakhsh official website with php.
- **Technologies**: *PHP 5, MySQL, HTML, CSS.*

EDUCATION

BS | Science and Culture University | Tehran, Iran - GPA: 17.28   **2016 – 2020**
Diploma | Alborz high school | Tehran, Iran   **2001 – 2004**

CERTIFICATIONS

UI UX | DuxLab | IT Computing   **2019**
SQLServer Development | Sematec | IT Computing   **2009**

PROFILES

LinkedIn: https://www.linkedin.com/in/tilab/
GitHub: https://github.com/tookasoft/
LeetCode: https://leetcode.com/tookasoft/