

Arash Khajelou

Senior Software Engineer

Experienced, forward-looking software engineer and Software Architect with 8+ years' background in creating and executing innovative software solutions to enhance business productivity. Highly experienced in all aspects of the software development lifecycle and end-to-end project management, from concept to analysis, development, and delivery. Strict about deadlines and delivery progress. Specialized in full-stack web development. Proficient in OOP, Microservices architecture, and API design with a deep knowledge of managing Linux-based servers. Also experienced in writing system automation scripts.

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AREAS OF EXPERTISE

Project Management

Problem Solving

Scrum & Agile Methodologies

Software Development Life Cycles

Team Leadership & Supervision

Web Application Design & Development

Enterprise Application Architecture

WORK EXPERIENCE

Founder / Team Lead

Larammerce open-source project – larammerce.com

2020 - Present

- Defined a set of structures to build an open-source project based on the Laravel framework plus full coverage documentation to help the businesses to migrate from any other MVP projects easily to their desired stable one according to their exact needs.
- Designed the most basic version of the project's database and lifecycles in a way that all the upcoming developments and feature additions become easier to analyze and develop. For example, if anyone wants to add a new payment method to the system, They have only to add the functionalities dedicated to that payment method.
- Managed a team of 6 members (graphic designers, UI/UX designers, back-end developers, and front-end developers) to build the first version of the project according to the main guidelines and analyze, generalize, and add features needed by the clients who started to use the project as their e-commerce platform.
- Utilize many tools and platforms to manage the teamwork as efficiently as possible. For example, I used taiga to work with the team by scrum methodology, FreeScout to address the issues reported to the system, Github to manage to source code of the project, and some other applications.

Senior Software Engineer

HinzaCo – hinzaco.com

2014 - Present

- Established and utilized methodologies to analyze the client requirements, held meetings to ensure that the recognized needs were correct, and finally proposed the most viable and suitable architecture to initiate the project development.
- Supervised a team of 3 junior software engineers during the development and maintenance of the projects defined by the company's clients and held the team management sessions according to scrum principles using a self-deployed version of Taiga software (an open-source scrum management software written using Python-Django framework).
- Managed the Linux-based servers of the company to achieve the highest up-time and automate the backup and recovery routines.
- Played a role as a joint between teammates with different jobs (Like graphic designers, marketers, front-end developers, and back-end developers) to make sure the teamwork results go more efficiently.
- Formulated and implemented many improvements on the company's projects to maximize the load efficiency by 20%.

Software Engineer

Arian-web Iranian – awi-co.com

2013 – 2014

- Utilized JavaEE platform, Java beans, Apache tomcat, and Hibernate ORM to build modules for an enterprise system created to manage Linux-based systems remotely over the internet. The system's goal was to collect all the system functionalities over a web panel, and the most crucial part was to manage the storage.
- Designed and maintained all the application pages using Bootstrap CSS framework according to use cases defined by the product owner.
- Wrote Linux-based scripts to automate system processes required by the application and export the reports needed by the clients in known formats like JSON, Excel, etc.

TECHNICAL SKILLS

PHP stack: PHP8, Laravel, Eloquent, Doctrine.

Java stack: JavaEE, JavaFx, Struts, Hibernate, Spring stack (IOC, MVC, Data, boot).

Python stack: Python2/3, Django, Flask.

JavaScript stack: jQuery, ReactJS, AngularJS 1, ExpressJS.

Linux stack: LPIC1/LPIC2, RedHat/Centos/Rocky/Fedora, Bash scripting, python scripting, Docker, Docker-compose, C/C++ system programming.

Databases: MySQL, Postgresql, SQLite, Oracle, Redis, MongoDB.

Tools: Git, Github, Gitlab, Taiga, Wireshark, Postman, JetBrains IDE's stack,

COURSES & TRAINING

JavaEE – laitec.ir

Mastering JavaEE – boxschool.ir

LPIC1/2 – laitec.ir

VOLUNTEER EXPERIENCE

Hozour hozour.org

Worked on writing a proper proposal for their idea of making a universal social network to track and manage disasters occurring worldwide (starting with Iran) and rate them respectively so that people can apply to help as they can.

IWRF - iwrf.ir

Helped them to build and manage their website and physical infrastructure according to the best practices of the same NGOs across the world.

IFA - ifacrowd.fund

Take part in building the fund-raising platform as the core of their plan. (Liferay portlet development)

PERSONAL PROJECTS

RoboCup soccer simulation 2D

Started writing code to take part in SoccerSim2D competitions as a junior C++ developer in high school and achieved 1st place in local competitions and 3rd in country-level one. The source code was built on the UVA RoboCup team source code. The most important part of that project was the mathematical calculations to result in the best decision of the moment for each soccer player agent.

EDUCATION

Bachelor of Science in software engineering.

Iran University of science and technology (IUST)

LANGUAGES

Persian: Native

English: IELTS overall 7

Turkish & Hebrew: Beginner