



Soroush Shemshadi

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Date of birth: 26/08/1999 **Nationality**: Iranian

WORK EXPERIENCE

[08/2022 – Current]

Software Engineer

Hoom-IT Solutions GmbH

City: Köln

Country: Germany

- Project Stack: Spring Boot – PostgreSQL – Vue.js
- Implemented a series of complex mathematical formulas. These formulas were very sensitive because their goal was to propose a price to customers to sell their property to the company.
- For the price calculator I implemented, I wrote a series of unit tests with different cases to ensure the algorithm's validity.
- Implemented an API to connect the app to the [PriceHubble](#) system so that advisors can get real-time price estimates for the seller's property.
- Implemented a system to sync the consultants' Google Calendar with the application, which allowed them to schedule appointments with property owners to make offers and buy their properties.
- Implemented an email system that allowed the company to communicate with the customers and increase marketing efficiency.

[07/2021 – 11/2021]

Spring Boot Developer

Fartak Ertebatat Lahij

City: Rasht

Country: Iran

- Project Stack: Spring Boot – MySQL – Angular - Flutter
- Enhanced and cleaned the code of a legacy and poorly designed micro-service application to a well-written piece of software.
- Reduced redundant code and decreased tight coupling, resulting in about 50% less source code, a lighter application, and improved system resource consumption.
- Programmed and developed a set of modules and successfully directed them as services for the main microservice application.
- Wrote JUnit unit tests with about 80% code coverage, making it possible to test the program with just one click and reducing the debugging time.
- Conserved the company from redeveloping and rebuilding their old application from scratch and saved at least six months of coding.
- Composed a series of documentation for the written codes so that the next programmer can quickly understand the program's design and spend his time doing the main job, not understanding my codes.

[02/2020 – 06/2021]

Spring Boot Developer

Overlord IT Solutions

City: Rasht

Country: Iran

- Project Stack: Spring Boot – Express.js – MongoDB – Vue.js
- Implemented a web-socket-based microservice Spring Boot application that performs nine online games 3 of which were predeveloped in Express.js applications.
- Brainstormed a way for that multi-platform microservice application in Spring Boot and Express.js, to work well together without any problem.
- Kept the company from redeveloping those three Node.js games in Spring Boot from scratch, which cut down three months of developing time.

EDUCATION AND TRAINING

[01/09/2017 – 01/06/2022]

Bachelor of Software Engineering

University of Guilan <https://english.guilan.ac.ir/>

City: Rasht

Country: Iran

LANGUAGE SKILLS

Mother tongue(s): Persian

Other language(s):

German

LISTENING B2 **READING** B2 **WRITING** B2

SPOKEN PRODUCTION B2 **SPOKEN INTERACTION** B2

English

LISTENING B1 **READING** B1 **WRITING** B1

SPOKEN PRODUCTION B1 **SPOKEN INTERACTION** B1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DIGITAL SKILLS

Systems

Linux (Terminal Commands, Bash/Shell) | Advanced User of Microsoft Windows

Tools

Version Control System (Git) | Devops: Docker, Jenkins | RabbitMQ / Kafka

Databases

MySQL, SQL, SQLite, PostgreSQL | NoSQL Databases (MongoDB)

Programming Languages

Java | C++ | Python | Go | HTML, CSS, JS

Frameworks

Spring (Spring Boot, Spring MVC, Spring Data, Spring Security, Spring AOP, Spring Cloud,...) | Hiberante | Java Persistence API – JPA | Junit, Mockito | Good knowledge of developing and managing applications using JHipster

Knowledges

HTTP, Websocket and REST knowledge | Protocolli Authentication/Authorization: JWT, OAuth2 | Atlassian stack (Jira, Confluence, ...) | Microservices Infrastructure | Scrum | TDD