Maziyar GERAMI

Software Engineer | Back-end Developer / Clojure Developer / Java Developer

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Experienced Back-end Developer with a Master's degree and 7 years of expertise in software engineering. Proficient in Clojure for 2 years and Java for 7 years, with practical skills in Hibernate, JDBC, Spring Boot, and Design Patterns. Ability to deliver high-quality software using Agile methodologies, including production and testing. Solid background in Domain-Driven Design (DDD), Test-Driven Development (TDD), Dockerizing applications, and deploying microservices. Dedicated to driving innovation and providing scalable solutions.

☰ SKILLS

Programming languages	Java (JEE), Clojure, C/C++, C#, JavaScript, Matlab.
Frameworks	Spring Boot, Spring, CloudSim, Kanban.
Methodologies	Domain Driven Design (DDD), Test Driven Development (TDD).
Databases	MongoDB, MySQL, PostgreSQL, Microsoft SQL.

</> LANGUAGES

Persian	C2
English	C1
Kurdish	C1
German	A2

💼 EXPERIENCE

Now
2022-7

Clojure Developer, RDSysCo, Iran, Isfahan
in linkedin.com/in/rdsysco ⧉ https://epfccorp.com/

> - Collaborated with 40 developers and 10 business experts in the *Kanban* framework and *DDD* methodology to explore the domain and boundaries of the *ERP* web application.
> - Employed the *Clojure* programming language and followed the *TDD* process and *CQRS* principle for 27 *microservices*.
> - Employed the *Even Sourcing* principle and *Simple Queuing service (SQS)* for interacting the microservices.
> - Designed 27 databases using *PostgreSQL* and utilized the *JDBC* API to interact with the microservices.
> - Programmed over 10,000 lines of code using the *pair-programming* technique.

`Java` `Spring Boot` `Domain-Driven Design` `Test-Driven Development` `Clojure` `AWS` `PostgreSQL` `Docker` `Microservice` `Agile` `Kanban` `Linux` `Pair Programming` `Pedestal` `Jira` `Confluence` `Bitbucket` `Event Sourcing` `CQRS` `Behaviour-Driven Development`

2022-7
2020-1

Java Developer, RADPARDAZ RAZI, Iran, Kermanshah
in linkedin.com/in/radpardaz-razi-b976221b3 ⧉ https://raadpardaz.ir/

> - Led the development of a large-scale *ERP* web application, comprising over 150,000 lines of *Java* code, utilizing *Spring Boot*, *Spring Security*, and *Spring Data* frameworks to interact with *Apereo CAS* as a client.
> - Formulated protocols (*SAML*, *CAS*, and *OAuth 2.0*) to define secure path to interact services with the *CAS*.
> - Managed users' authentication information, including over 20,000 users, using *OpenLDAP* and *Active Directory*, and stored logs and additional user, group, and service information in *MongoDB*.

`Central Authentication System (CAS)` `Single Sign in Single Sign out (SSO)` `Spring Boot` `Spring Security` `SAML` `CAS` `OAuth 2.0` `Apache Tomcat` `Gradle` `Hibernate` `MongoDB` `OpenLDAP` `MVC` `REST API` `Bash Script` `Linux` `Scrum`

2020-1
2017-9

Android Developer, SPOT ONLINE TAXI, Iran, Kermanshah
⧉ https://www.spotbar.ir/

> - As a member of a mid-size team with fewer than 20 members, actively contributed to the development of an Android online taxi application using Java.
> - Leveraged the 3 Google service *Geolocation*, *Geocode*, and *Geocode reverse* APIs of the Google Map platform for navigation in the application.

`Java` `Android Studio` `JUnit` `MVC` `JDBC` `SQLite` `SQL` `Google Map Platform`

2017-9
2015-9

Android Developer, ISLAMIC AZAD UNIVERSITY INCUBATOR, Iran, Kermanshah

> - Collaborated as a JAVA developer with three teams, consisting of over 10 developers, in successfully setting up 3 startups.
> - Developed a two-level cache using the *SharedPreference* API and an *SQLite* in-memory database to handle caching data from a *MySQL* database, serving over 1000 users and entities.
> - Built two rich social media applications and ensured their API security using the *JWT* token.

`Java` `Android Studio` `JUnit` `MVC` `JDBC` `JWT` `MySQL` `SQLite` `cPanel`

🎓 Education

2017   **Master's in Computer Software Engineering**, SRBIAU, Iran, Kermanshah.
Proposed and simulated a scheduling algorithm for the cloud environment using *CloudSim* framework and *Java* language as part of MSc degree, with a final grade of 18.9 out of 20.

2013   **Bachelor's Degree in Computer Software Engineering**, STVC, Iran, Tehran.
Developed an urban navigator using *J2EE* technology and graduated with a grade of 15 out of 20.

2010   **Associate's degree in Computer Software Engineering**, UOK, Iran, Kurdistan.
Designed and implemented a paint application using *Java* and *Swing* toolkit and graduated with a grade of 14 out of 20.