

Maziyar GERAMI

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

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Iran, Kermanshah

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** Clojure Developer, RDSysCo, Iran, Isfahan
2022-7 [in linkedin.com/in/rdsysco](https://www.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.
- Clojure Java Spring Boot Domain-Driven Design Test-Driven Development AWS PostgreSQL Docker Microservice Agile Kanban
Linux Pair Programming Pedestal Jira Confluence Bitbucket Event Sourcing CQRS Behaviour-Driven Development
- 2022-7** Java Developer, RADPARDAZ RAZI, Iran, Kermanshah
2020-1 [in linkedin.com/in/radpardaz-razi-b976221b3](https://www.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** Android Developer, SPOT ONLINE TAXI, Iran, Kermanshah
2017-9 <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** Android Developer, ISLAMIC AZAD UNIVERSITY INCUBATOR, Iran, Kermanshah
2015-9
- 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 *SharedPreferences* 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

- 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.