# Maziyar GERAMI

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

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## ❝ SUMMARY

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

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| 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

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|:---|:---|
| Persian | C2 |
| English | C1 |
| Kurdish | C1 |
| German | A2 |

## 💼 EXPERIENCE

**Java and Clojure Developer, RDSysCo, Iran, Isfahan December**  July 2022 - Present
Linkedin: linkedin.com/in/rdsysco  Website: https://epfccorp.com/
> Engaged with 50 developers and experts using *Kanban* and *DDD* to investigate *ERP* web app's domain and boundaries.
> Employed the *Clojure* programming language and followed the *TDD* process and *CQRS* principle for 27 *microservices*.
> Employed the *Event 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

**Java Developer, RADPARDAZ RAZI, Kermanshah, Iran.**  January 2020 - June 2022
Linkedin : linkedin.com/in/radpardaz-razi-b976221b3  Website https://raadpardaz.ir/
> Managed the creation of a sizable *ERP* web app, employing *Spring Boot* to interface 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*
> Orchestrated storage of logs, data in *MongoDB*, overseeing processing through *Elastic Search*, involving more 100+ queries.

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 | Elastic Search | MVC | REST API | Bash Script | Linux | Scrum

**Android Developer , SPOT ONLINE TAXI, Kermanshah, Iran.**  September 2017 - May 2019
Website: https://www.spotbar.ir/
> In a sub-20 member team, aided Android taxi app development using Java.
> Employed Google Map's *Geolocation*, *Geocode*, and *Reverse Geocode* APIs for navigation.

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

**Android Developer , ISLAMIC AZAD UNIVERSITY INCUBATOR, Kermanshah, Iran.**  September 2015 - July 2017
> Collaborated as a JAVA developer with three teams, consisting of over 10 developers, in successfully setting up 3 startups.
> Crafted a dual-tier cache with *SharedPreference* API and *SQLite* database for 1000+ records from a *MySQL* database.
> Built 2 rich social media applications and ensured their API security using the *JWT* token.

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

## 🎓 EDUCATION

**Master's in Computer Software Engineering**, SRBIAU, Kermanshah, Iran  September 2014 - November 2017
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.

**Bachelor's Degree in Computer Software Engineering**, STVC, Tehran, Iran  September 2014 - October 2016
Developed an urban navigator using *J2EE* technology and graduated with a grade of 15 out of 20.

**Associate's degree in Computer Software Engineering**, UOK, Kurdistan, Iran  September 2011 - November 2015
Designed and implemented a paint application using *Java* and *Swing* toolkit and graduated with a grade of 14 out of 20.