

# 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

**Programming languages** Java (JEE), Clojure, C/C++, C#, JavaScript, Matlab.  
**Frameworks** Spring Boot, Spring.  
**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

### Java and Clojure Developer, RDSysCo, Iran, Isfahan December

July 2022 - Present

Linkedin: [in linkedin.com/in/rdsysco](https://www.linkedin.com/in/rdsysco) Website: [🌐 https://epfccorp.com/](https://epfccorp.com/)

RDSysCo, a subsidiary of EPFC Co, specializes in developing applications for the oil industry.

- Engaged with 50 developers and experts using *Scrum* and *DDD* to investigate the *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 Developer, RADPARDAZ RAZI, Kermanshah, Iran.

January 2020 - June 2022

Linkedin : [in linkedin.com/in/radpardaz-razi-b976221b3](https://www.linkedin.com/in/radpardaz-razi-b976221b3) Website [🌐 https://raadpardaz.ir/](https://raadpardaz.ir/)

Radpardaz Razi operates within the security IT industry, specializing in enhancing the security of existing applications and developing new ones.

- 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 a 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 and data in *MongoDB*, overseeing processing through *Elastic Search*, involving more than 100 queries.

### Android Developer, SPOT ONLINE TAXI, Kermanshah, Iran.

September 2017 - May 2019

Website: [🌐 https://www.spotbar.ir/](https://www.spotbar.ir/)

SPOT is a prominent online taxi service with a user base exceeding 100,000 in Iran.

- 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.

### 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.

## 🎓 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 my MSc degree, achieving 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.

