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: linkedin.com/in/rdsysco   Website: 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 *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 | DDD | TTD | Clojure | AWS | PostgreSQL | Docker | Microservice | Agile | Linux | Pair Programming | Pedestal | Jira | Confluence | Bitbucket | Event Sourcing | CQRS | BDD

Java Developer, RADPARDAZ RAZI, Kermanshah, Iran.   January 2020 - June 2022
Linkedin : linkedin.com/in/radpardaz-razi-b976221b3   Website 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 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/
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.

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, 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.