

Maziyar Gerami

SOFTWARE ENGINEER · BACK-END DEVELOPER · JAVA DEVELOPER

Tehran, Iran

☎ (+98) 9396919921 | ✉ contact@maziyar-gerami.ir | 🏠 maziyar-gerami.ir | 📱 maziyar-gerami | 🌐 maziyar-gerami

Summary

Java Backend Developer with 7+ years of experience in building scalable applications using *Spring Boot*, *Clojure*, and *AWS*. Passionate about clean architecture, test driven development, and mentoring junior developers.

Skills

Back-end	Java (8–21), Spring Boot, Kafka, REST APIs, JUnit, Mockito
Programming	Java, Clojure, Kotlin
DevOps & Cloud	AWS, CI/CD, Docker, Kubernetes, Git, GitHub Actions
Languages	English (B2), German (A2 (Conversational)), Persian (Native)

Work Experience

AVAN Software Technology Advisors (ASTA)

Tehran, Iran (Remote)

JAVA SOFTWARE ENGINEER

Jan 2024 – Present

- Developed and maintained 8+ microservices for the *open-source* Flickit project using *Java 21*, *Spring Boot*, and *hexagonal architecture*.
- Integrated *MinIO* and *PostgreSQL*, enhancing data handling efficiency by 20%, improving storage and retrieval.
- Ensured Clean Code and *TDD* compliance across 10,000+ lines of production code to ensure maintainable and adaptable software.
- Developed and maintained *Backend-for-Frontend* (BFF) layer in *Python* to streamline frontend integration.
- Configured and customized *Keycloak* and integrated it with *Spring Boot* (OAuth2/OIDC, JWT, role-based access control), implementing centralized authentication, SSO across services, and fine-grained authorization policies to strengthen security.
- Contributed to the Refahyār fintech platform by developing a high-performance credit gateway and aggregator, enabling secure credit validation and scalable partner integration.
- Implemented Redis-based caching and rate-limiting mechanisms to enhance system performance, reduce database load, and ensure reliable request throttling.
- Transitioned from synchronous REST APIs to an asynchronous event-driven architecture using *Apache Kafka*, decoupling core microservices and improving system resilience and scalability.

EPFC Corp.

Calgary, Canada (Remote)

SENIOR JAVA & CLOJURE DEVELOPER

Jul 2022 – Dec 2023

- Partnered with 50+ engineers and business stakeholders to develop a large-scale ERP system using *Domain-Driven Design* (DDD) and *Scrum*, establishing clear business domains and improving cross-team alignment.
- Engineered 27 microservices using *Clojure*, *CQRS*, and *Test-Driven Development* (TDD), ensuring scalability and code quality.
- Boosted API responsiveness by 30% by implementing *Amazon SQS*, *SNS*, and *event sourcing*, improving system efficiency and scalability.
- Coordinated the automating the *CI/CD* pipeline, reducing deployment time by 32% and enhancing release reliability.

Radpardaz Razi

Kermanshah, Iran

JAVA DEVELOPER

Jan 2020 – Jun 2022

- Developed a modular, microservices-based architecture for the *ERP* system with *Spring Boot*, enhancing system scalability and reducing deployment time by 40% across 10+ services
- Designed authentication protocols (*SAML*, *CAS*, *OAuth2*) and managed access for 20,000+ users via *OpenLDAP* and *Active Directory*.
- Automated application deployment across 8 servers using *CI/CD* pipelines, ensuring consistent delivery.

SPOT Online Taxi

Kermanshah, Iran

ANDROID DEVELOPER

Sep 2017 – May 2019

- Developed an Android app with real-time map and location APIs, reducing delivery times by 40% and improving user experience.
- Integrated *Google Maps Geolocation*, *Geocode*, and *Reverse Geocode* APIs into the navigation system, achieving a 40% reduction in average delivery time through real-time route optimization and traffic analysis.

Islamic Azad University Incubator

Kermanshah, Iran

ANDROID DEVELOPER

Sep 2015 – Jul 2017

- Led development efforts in 3 startup teams in launching social media apps, utilizing *Java* and *JWT*-based API security for robust authentication.
- Implemented a two-tier cache system with *Shared Preferences* and *SQLite*, boosting data retrieval and app performance by 20%.

Education

SRBIAU (Science and Research Branch of the Islamic Azad University)

Kermanshah, Iran

MASTER'S IN COMPUTER SOFTWARE ENGINEERING

2014 – 2017

- Thesis on cloud scheduling (Score: 18.9/20).

STVC (Shamsipour Technical and Vocational College)

Tehran, Iran

BACHELOR'S IN COMPUTER SOFTWARE ENGINEERING

2014 – 2017

- Project: J2EE Urban Navigator (Top Graduate, Score: 15/20)

Certificates

June 2025 **Java Streams Essentials**, Amigoscode

April 2025 **Introduction to Selenium**, Coursera

November
2024 **Learning Java Collections**, LinkedIn Learning

September
2024 **Introduction to Artificial Intelligence**, LinkedIn Learning

September
2024 **Introduction to Spring AI**, LinkedIn Learning