

AMIR KHANALIPOUR

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TECHNICAL SKILLS

Languages: Java (Advanced), Go (Intermediate), JavaScript (Intermediate), SQL (Advanced)

Frameworks & Tools: Spring Boot, Apache Kafka, Redis, Docker, Kubernetes, Jenkins, Git, Maven, Gradle

DevOps & CI/CD: GitHub Actions, GitLab CI, Jenkins

Monitoring & Logs: Prometheus, Grafana, ELK Stack, Logback

Cloud & Infrastructure: Linux server management, Infrastructure automation, SSL/TLS, Reverse proxies

Web & APIs: RESTful APIs, HTML5, CSS3, React.js, JSON, AJAX

Databases: PostgreSQL, MySQL, MongoDB

Architecture & Methodologies: Microservices, Event-Driven Architecture, Test-Driven Development (TDD), Agile/Scrum

PROFESSIONAL EXPERIENCE

Software Engineer | CandooSMS — Tehran, Iran

Dec 2022 - Present

- Collaborated with a cross-functional team to migrate a monolithic SMS service to microservices, improving delivery speed and reliability by 50%.
- Designed and developed distributed, horizontally scalable microservices with Java, Spring Boot, and Kafka.
- Built event-driven architecture with Kafka for decoupled communication and faster responsiveness.
- Adopted reactive programming with non-blocking APIs, boosting throughput under heavy load.
- Secured services using Keycloak, Spring Security, and OAuth2.
- Improved performance with Redis caching, reducing DB load and latency.
- Developed fault-tolerant payment services ensuring transactional integrity.
- Automated deployments with CI/CD pipelines (Jenkins, GitLab) for fast, reliable releases.
- Managed infrastructure: Docker orchestration, Nginx config, SSL, and monitoring.
- Implemented monitoring/logging via Prometheus, Grafana, and ELK Stack.
- Performed load testing (JMeter) and optimized bottlenecks.

Software Engineer | Hamgam Corporate Group — Tehran, Iran

Jul 2022 - Nov 2022

- Contributed to the development and maintenance of Java-based applications using the Spring framework.
- Implemented a Kafka-based notification system for enhanced customer communication.
- Collaborated with cross-functional teams in an agile environment to deliver high-quality applications.
- Provided documentation for development processes.

Software Engineer | Hovita — Tehran, Iran

Dec 2021 - Jul 2022

- Developed secure Java applications using Spring Boot, incorporating cryptographic methods for data protection.
- Contributed to new feature development, bug fixing, and system documentation.
- Participated in backend integration and API development across multiple services.

EDUCATION

Bachelor's Degree – Teaching English as a Foreign Language (TEFL) University of Mazandaran

Sep 2018 - Oct 2022