

# 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)** Sep 2018 - Oct 2022
- University of Mazandaran