Ali Jalali

Senior Software Engineer

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Summary

Senior Software Engineer with **8+ years of experience** designing and developing **scalable, reliable, and high-performance backend systems**. Expert in **distributed architectures, microservices, and system optimization**. Delivered solutions powering **millions of users** across telecom and fintech. Passionate about **clean architecture, automation, and engineering excellence**.

Work Experience

MCI "Electronic Businesses Companion", Tehran   *Jun 2023 – Present*
Senior Software Engineer

- Designed and implemented the **USSD service *9191#***, handling tens of millions of user requests reliably.
- Built and launched the **Open Loop Credit Service** with **1M+ active users**, ensuring scalability and uptime.
- Optimized backend architecture for **high concurrency** and **low-latency transactions**.
- Delivered backend services for **MyMCI** app, powering telecom operations for millions of users.
- Developed and maintained **Ewano Wallet microservice** for secure, scalable financial transactions.
- Built **custom API gateways** managing complex integrations between distributed systems.
- Promoted **clean code, SOLID principles, and peer reviews** for maintainable, efficient delivery.

Kargosha, Tehran   *Aug 2021 – Feb 2023*
Full Stack Developer

- Developed scalable frontend and backend systems for enterprise-level web applications.
- Created a **reusable architecture** adopted across **18 projects**, improving speed and consistency.
- Boosted **test coverage to 89%** through TDD-based automation.
- Built an internal **CI/CD system** improving deployment efficiency across teams.
- Supported **1.5K+ customers** by collaborating with 12 departments for smooth operations.
- Enhanced mobile experience for Kargosha experts, improving accessibility and performance.

Silver Tech, Tehran *Mar 2019 – May 2020*

Back End Developer

- Led backend development of a high-traffic progressive web app with modern architecture.
- Designed data models for **time-based analytics and usage tracking**.
- Migrated legacy systems to a **single-page architecture**, improving engagement by 10%.
- Enhanced performance, scalability, and system reliability through architectural improvements.
- Implemented automated CI/CD pipelines and secure API infrastructure.

Saroj Saze, Tehran *Mar 2018 – Feb 2019*

Back End Developer

- Refactored and optimized legacy data and search systems, improving query speed.
- Designed **RESTful APIs** and backend workflows for scalable microservices.
- Built CI pipelines ensuring smooth, automated deployments.
- Developed internal **commission and sales modules** improving operational efficiency.
- Redesigned company web structure and employee portal for modular maintainability.

Education

Iran University of Informatics, Tehran *Sep 2019 – Sep 2023*

Bachelor of Software Engineering

Technical Skills

Languages & Frameworks: Go, Node.js, JavaScript, TypeScript

Databases: PostgreSQL, MongoDB, Redis, Couchbase, SQL, NoSQL, Elasticsearch

Architecture & Patterns: Microservices, Distributed Systems, DDD, SOA, Event-driven Systems

DevOps & Infrastructure: Docker, Kubernetes, Nginx, CI/CD, Infrastructure as Code (IaC), Linux, Bash

APIs & Protocols: REST, gRPC, WebSocket, RabbitMQ, Kafka

Testing & Quality: Unit, Integration & E2E Testing, TDD, Observability