

# Ali Jalali

## Senior Software Engineer

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## Summary

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Seasoned Software Engineer with 7+ years of experience designing and building reliable, scalable, and maintainable software systems. I thrive on solving complex technical challenges through clean architecture, automation, and thoughtful engineering practices. With a strong foundation in systems design, performance optimization, and modern development workflows, I'm committed to delivering impactful solutions that drive innovation and long-term value.

## Work Experience

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### MCI "Electronic Businesses Companion", Tehran

*Jun 2023 – Present*

Senior Software Engineer

- Conducted debugging and troubleshooting activities to identify and resolve issues within the company's microservices, ensuring optimal functionality and performance.
- Developed and maintained custom API gateways, managing the request flows and ensuring seamless integration between various systems and services.
- Adhered to the principles of clean code and single responsibility, ensuring that each module or function had a clear and specific purpose. By employing concise and expressive syntax, meaningful variable and function naming, and appropriate code structuring, I created maintainable and readable code. This approach optimized system performance and minimized potential bugs, resulting in more efficient and robust software systems that were easy to understand, modify, and extend.
- Fostered a collaborative and quality-driven development environment by conducting thorough code reviews and providing constructive feedback to colleagues.
- Utilized agile methodologies and participated in daily stand-up meetings, sprint planning, and retrospectives, promoting efficient timely delivery of high-quality software solutions.
- Successfully delivered complex features within tight deadlines, showcasing exceptional problem-solving skills and the ability to thrive under pressure.

### Kargosha, Tehran

*Aug 2021 – Feb 2023*

Full Stack Developer

- Delivered scalable front-end solutions in collaboration with a 15-member agile development team.
- Established a maintainable codebase adopted across 18 projects through the creation of reusable architecture.
- Boosted test coverage to over 89% by implementing automated unit and integration testing based on TDD principles.
- Designed and deployed a custom internal system for continuous integration and delivery, enhancing deployment efficiency.
- Supported 1.5K+ customers by partnering with 12 departments to ensure seamless backend operations.

- Helped define user requirements for 10K+ individuals by coordinating closely with 21 cross-functional team members.
- Improved overall system performance by implementing robust backend connectivity for 17 internal applications.
- Linked over 40 dynamic user-facing components to backend systems for seamless data flow and interactivity.
- Led the design and development of Kargosha's website and user experience from the ground up.
- Designed and implemented the interface for the Sinbad website with a focus on user engagement and responsiveness.
- Built the full mobile experience for Kargosha experts, enhancing usability and mobile access.
- Created intelligent user profiles that connect customers to the right experts, improving engagement and conversion.

### **Silver Tech, Tehran**

***Mar 2019 – May 2020***

Back End Developer

- Led a team of developers responsible for delivering a high-impact progressive web application.
- Conducted performance testing and debugging to identify issues and enhance system reliability.
- Performed code maintenance and system upgrades to ensure optimal software performance.
- Designed a custom data model for organizing time-based and account-specific usage analytics.
- Built infrastructure and deployment processes to support robust API functionality.
- Maintained and enhanced existing backend capabilities for improved efficiency.
- Optimized backend services and data interactions for improved performance and scalability.
- Migrated a multi-page application into a single-page interface, increasing user engagement by 10%.
- Applied regular updates, security enhancements, and maintenance tasks to production systems.
- Promoted efficient development practices, improving delivery speed for interface components.
- Installed, configured, and tested over 30 software tools during the first week on the team.
- Implemented the initial version of the product sales platform from scratch.
- Translated early design concepts into a fully functional website from layout to launch.

### **Saroj Saze, Tehran**

***Mar 2018 – Feb 2019***

Back End Developer

- Refactored and optimized legacy data storage systems and search queries for external-facing applications.
- Designed and implemented infrastructure and workflows to support scalable API development and deployment.
- Collaborated with business stakeholders to translate real-world use cases into effective product features.
- Took part in backend and API development with a focus on reliability and efficiency.
- Participated in the architectural planning and implementation of high-performance APIs.
- Investigated and applied backend improvements to enhance performance and stability.

- Helped architect and develop microservices optimized for low latency, high availability, and scalability.
- Ensured smooth, automated deployment through a robust continuous integration pipeline.
- Delivered modular and maintainable services aligned with RESTful principles and front-end requirements.
- Created reusable templates to streamline future web development efforts.
- Developed calculation modules to handle sales and commission logic for internal systems.
- Enhanced and diversified existing e-commerce offerings, contributing to increased online revenue.
- Spearheaded the redesign of the company's web structure, including an internal employee portal, resulting in a more modular and maintainable system.

## Education

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**Iran University of Informatics, Tehran**

**Sep 2019 – Sep 2023**

Bachelor of Software Engineering

## Skills

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JavaScript | Node.js | Go | Git | Bash | REST APIs | NoSQL | Linux | Software Architecture | SQL | RDBMS | Back-end Operations | Service-Oriented Architecture (SOA) | Domain-Driven Design (DDD) | Database Management System (DBMS) | Software Observability | Message Broker | WebSocket | gRPC | Web Servers | Software Testing | Software Development | Infrastructure as code (IaC) | Web Development | Operating Systems | Enterprise Architecture | Microservices | Containerization | Distributed Systems | Front-End Development