Ali Omidian

CTO & Software Engineer

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EXECUTIVE PROFILE

Technology leader with 10+ years of experience across software engineering, backend systems, SRE, architecture, and engineering leadership. Progressed from hands-on development to leading cross-functional engineering teams and technical strategy. Currently responsible for the technical direction of a high-scale consumer platform serving 10M+ monthly active users and ~1.5B requests per month, with a focus on legacy modernization, production reliability, team growth, and pragmatic alignment between technology and business priorities.

SELECTED IMPACT

- Lead technical direction for a platform serving 10M+ MAU and ~1.5B monthly requests.
- Directed staged modernization of legacy systems through migration planning, pilot rollouts, rollback readiness, observability, documentation, and knowledge transfer.
- Built engineering capability through hiring, growth plans, ownership definition, architecture reviews, neshSRE specialization, and an automation-testing bootcamp.
- Introduced practical AI and engineering-intelligence workflows, including AI-assisted code review and MCP-based reporting across Jira, Confluence, Mattermost, Prometheus, and Grafana.

EXPERIENCE

Badesaba — 2019 - Present

Career progression: Full-Stack Engineer → Backend Engineer → Backend Team Lead → SRE Team Lead → CTO / Technical Director

CTO / Technical Director

- Lead technology strategy and engineering execution across Backend, Frontend, SRE, Android, iOS, and QA, balancing product priorities, technical risk, reliability, security, and team capacity.
- Direct modernization of multi-year legacy systems using incremental migration, architecture reviews, pilot rollouts, rollback planning, documentation, and knowledge transfer to reduce organizational knowledge silos.
- Drive hiring, mentoring, growth plans, ownership definition, architecture reviews, and cross-team technical decisions; strengthened team capability through initiatives such as QA automation training and clearer operational ownership.
- Guide cross-team delivery for major initiatives including the Pardeabi VOD platform and modernization of Badesaba's iOS delivery path, coordinating product, backend, mobile, QA, and infrastructure.
- Drive responsible adoption of AI and automation in engineering, including AI-assisted code review, architecture analysis, support automation, and engineering-health reporting.
- Led technical preparation and documentation for two successful Type I Knowledge-Based Company certification cycles in Iran.
- Led the technical coordination of the AFTA security review process, defining submission scope, representing the engineering side during technical reviews, translating evaluator feedback into remediation plans, and overseeing delivery of revised releases.

SRE Team Lead

- Helped establish SRE as a dedicated function, separating reliability and infrastructure ownership from Backend and improving operational accountability.
- Built monitoring and observability practices using Prometheus, Grafana, Loki, OpenTelemetry, and Sentry, with operational dashboards for service health and incident investigation.
- Coordinated production incidents, root-cause analysis, and post-incident improvements across application and infrastructure layers.
- Launched the initial self-hosted Kubernetes path and improved deployment and production-readiness practices for legacy services.

Backend Engineer / Backend Team Lead

- Reverse-engineered undocumented legacy services, resolved high-impact production incidents, and developed deep system knowledge to reduce the risk of changes in high-traffic environments.
- Designed, developed, and maintained backend services across payments, subscriptions, support, and core product capabilities using Node.js-based microservices and asynchronous messaging.
- Improved payment services for mobile recharge, internet packages, bill payments, and charity flows, working on provider integration, retry/timeout handling, failure recovery, monitoring, and operational troubleshooting.
- Grew into Backend Team Lead, providing code review, mentoring, knowledge transfer, and technical problem-solving; also handled deployment and server operations before the SRE function was separated.

Full-Stack Engineer

- Delivered features end-to-end from product requirements and technical design through frontend/backend implementation, deployment, and production support in a small engineering team.
- Worked directly with product stakeholders and built broad knowledge of system dependencies that later supported backend and leadership responsibilities.

EXPERIENCE - CONTINUED

Pardikan Sarv **2016 - 2019**

Software Engineer / Frontend Team Lead

- Started in Angular frontend development, expanded into Node.js backend work, and took ownership of backend tasks after a team transition.
- Developed a Progressive Web Application (PWA) for a pharmaceutical information exchange platform.
- Helped grow and technically lead a 5-person frontend team through code reviews, mentoring, technical problem-solving, and knowledge transfer.

VENTURES & TECHNICAL CONSULTING

Hamhesabi - Co-founder, Product & Engineering

- Co-founded the application and collaborated with a small team on product definition, technical decisions, backend development, and delivery.

Independent Projects & Consulting | 2019 - Present

- Worked with small engineering teams on e-commerce, online education, and healthcare/home-care platforms, providing hands-on development, architecture reviews, mentoring, and knowledge transfer.

CORE EXPERTISE

Technology Leadership: Technology Strategy · Engineering Leadership · Team Building · Hiring · Mentoring · Technical Roadmaps · Cross-functional Leadership
Architecture & Engineering: System Design · Distributed Systems · Microservices · Legacy Modernization · Migration Strategy · Payment Systems · API Design
Platform & Reliability: Kubernetes · Docker · CI/CD · SRE · Observability · Incident Management · Linux · Self-hosted Infrastructure
Backend & Data: Node.js · NestJS · TypeScript · Golang · PostgreSQL · MongoDB · Redis · MySQL · NATS · RabbitMQ
Engineering Practices: Architecture Review · Code Review · Technical Documentation · Technical Debt Management · Automation Testing · AI-assisted Engineering

PROFESSIONAL DEVELOPMENT

System Design - Sharif University of Technology Alumni Association · 30-hour course · Jul-Aug 2025
Kubernetes Administrator - Iran Linux House (Fanavaran Anisa) · Course certificate · Feb 2025