

# OMID FARHANG

Frontend Architect & Engineering Lead

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## SUMMARY

Frontend Architect and engineering leader with 10+ years building and scaling complex web platforms. Led teams of up to 15 engineers and delivered measurable outcomes: 40% faster delivery via an Angular-based framework and design system, 50% faster CI/CD builds after consolidating to an Nx monorepo, and 15 → 4 minute deployments through pipeline optimization. Deep expertise in Angular and TypeScript, with strong focus on performance, testing, and platform governance.

## SKILLS

**Leadership & Management:** Engineering Leadership, Team Building & Hiring, Mentorship, Performance Management, Stakeholder Management, Agile Delivery (Scrum/Kanban)

**Architecture & Engineering:** Frontend Architecture, Design Systems, Nx Monorepos, Micro-frontends, SOLID & Design Patterns, Performance Engineering, Web Vitals

**Frontend Ecosystem:** Angular (Expert), TypeScript, RxJS, State Management, Component Libraries, Storybook, Testing (Vitest/Jest/Playwright)

**Backend & Integration:** Node.js, NestJS, Express.js, Laravel, REST APIs, gRPC, MySQL/MariaDB

**DevOps & Security:** Docker, CI/CD, Linux, Nginx, OWASP Top 10, XSS/CSRF Mitigation, CDN & Caching Strategies

**Languages:** Persian (Native), English (Advanced), German (B1)

## EXPERIENCE

### Lead Frontend Engineer & Team Lead

Aug 2019 - Present

*JIBit*

Jibit is a leading B2B FinTech providing payment infrastructure and enterprise financial services, processing millions of transactions for 500+ corporate clients.

- Led migration of legacy React applications to Angular, delivering 100% feature parity with zero downtime.
- Improved application performance by 30% through modernization and optimization.
- Consolidated fragmented repositories and Git Submodules into an Nx monorepo; reduced CI/CD build times by 50%.
- Improved developer productivity by 25% by standardizing tooling and workflows in the monorepo.
- Built an internal Angular-based framework and design system, reducing delivery time by 40% and enforcing 100% UI/UX consistency.
- Implemented Jira-based Agile delivery, increasing sprint velocity by 35% and reducing bug report volume by 20%.
- Migrated unit testing from Jest to Vitest, cutting unit test runtime by 70%.
- Increased Playwright E2E coverage to 85%.
- Optimized Docker-based deployment pipelines with DevOps, reducing deployment time from 15 minutes to under 4 minutes and enabling daily production releases.
- Scaled the frontend organization from 1 to 4 engineers while maintaining a 100% retention rate.

**Skills:** Engineering Leadership, Mentorship, Angular, TypeScript, Nx, RxJS, Vitest, Playwright, Storybook, Docker, CI/CD, Agile

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### Technical Consultant / Tech Lead

Jun 2020 - Mar 2022

*Raymandan Taly Parseh*

Raymandan Taly Parseh is a business management consultancy.

- Delivered landing pages and client portals, increasing user conversion rates by 25%.
- Maintained 99.9% service availability for client-facing platforms.
- Operated Ubuntu/Nginx/MariaDB infrastructure for web and mail services supporting 10,000+ monthly active users.
- Maintained a strong security posture with no reported security breaches.
- Implemented RTSP/FFmpeg-based web streaming for internal camera broadcasting, reducing stream latency by 40%.
- Scaled streaming to support up to 50 concurrent high-definition feeds.
- Reduced incident recovery time by 60% during network attacks and ISP downtimes as a technical advisor.

**Skills:** Technical Consulting, Infrastructure Management, Linux, Nginx, MariaDB, RTSP, FFmpeg, Ubuntu

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## Lead Frontend Developer

Nov 2018 - Aug 2019

### Poolito

Poolito was a FinTech startup providing innovative payment solutions.

- Led the frontend team delivering admin and client dashboards for 50,000+ users with sub-second page load times.
- Designed Angular + gRPC communication layers, reducing data payload sizes by 60%.
- Improved real-time update efficiency by 45% through optimized data handling.
- Delivered responsive landing pages, achieving a 95+ Lighthouse performance score and increasing mobile user engagement by 30%.

**Skills:** Team Leadership, Angular, gRPC, TypeScript, CSS, RxJS

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## Lead Frontend Developer (Promoted from Junior)

Oct 2015 - Nov 2018

### ModernPal

- Promoted from Junior to Lead Frontend Developer, setting technical direction for 3 major platforms and mentoring 5 junior developers.
- Migrated AngularJS to Angular 2+, improving application runtime performance by 40%.
- Reduced bundle size by 25% through modernization and optimization.
- Built full-stack features for a money exchange platform using Angular and Laravel, processing over \$1M in transactions monthly.
- Led backend transition from PHP Laravel to Java Spring Boot, improving API response times by 50% and increasing system throughput by 3x.
- Partnered with the CTO to align frontend strategy with business goals and technical roadmaps.

**Skills:** Technical Direction, Angular, AngularJS, Laravel, PHP, Java, Spring Boot, Gradle

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## System Administrator & Web Developer

Sep 2014 - Nov 2015

### Haseb System Consultancy Co

Haseb System is a business management consultancy.

- Overhauled the corporate IT infrastructure for 30+ workstations, resolving critical Domain Controller and DNS issues and reducing network downtime by 90%.
- Administered Windows Server environments and TFS (Team Foundation Server), maintaining 99.9% uptime for critical development services.
- Created a comprehensive internal PHP/MySQL portal for personnel timesheet tracking and payroll, automating processes for 50+ employees and reducing overhead by 30%.
- Launched a multi-functional health platform featuring a medical directory and community forum, reaching 5,000+ registered users within 6 months.

**Skills:** System Administration, IT Infrastructure, PHP, MySQL, Windows Server, TFS, DNS, Networking

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## Early Career (IT Support)

Sep 2007 - Jun 2008

### IRIB

The Islamic Republic of Iran Broadcasting (IRIB).

- Designed web-based internal tools and provided IT support for Windows-based environments.

## CERTIFICATIONS

### German Language (B1) - Goethe-Institut

German Language Institute (DSIT) (2013)

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### CCNA Routing and Switching 200-120 - Cisco

Kahkeshan (2016)

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### MCSA 2012 - Microsoft

Kahkeshan (2015)

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### Network+ - CompTIA

CyberTech (2014)