

# Ahmad Jafari

## Software Engineer

Location: *Tehran, Iran*

Github: *@jafari-dev*

Email: *a99jafari@gmail.com*

LinkedIn: *@jafari-dev*

Phone: *+98 930-848-5060*

Portfolio: *www.jafari.dev*

## SUMMARY

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Front-end Engineer with 7+ years of experience designing and building high-performance web applications. Experienced in developing scalable and maintainable codebases using TypeScript, React, and NextJS. Skilled in designing and executing unit and end-to-end tests to ensure application reliability. Leveraged AI-assisted tools to streamline development workflows and enhance code quality. Applied robust architectures and software design principles to deliver reliable, efficient, and user-focused solutions in real-world projects.

## SKILLS

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**Programming Languages:** TypeScript, JavaScript, Python, Rust

**Front-end:** React, NextJS, Tailwind, HTML, CSS, SCSS, MUI, Ant Design, PWA, Webpack, Vite, Babel

**Back-end:** NodeJS, Express, NestJS, Django, PostgreSQL, MongoDB, Redis, REST APIs, GraphQL, Nginx

**Testing:** Jest, Vitest, React Testing Library, Cypress, Playwright, Storybook

**Software Engineering:** SOLID, Design Patterns, Software Architecture, Performance Optimization

**Others:** Linux, Git, Docker, GitHub Actions, GitLab CI, Sentry, Shopify App Development

## PROFESSIONAL EXPERIENCE

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### ***Full-Stack Engineer (Jul 2025 - Present)***

#### ***Partnerz - Dubai, United Arab Emirates (Remote - Full-time)***

- Engineered an AI-powered Shopify chatbot widget delivering personalized product recommendations, boosting engagement and enhancing the shopping experience
- Analyzed and optimized Core Web Vitals, raising scores from ~60% to ~90% and earning the "Built for Shopify" badge in under 2 months
- Partnered with the Product team to deliver engaging and stable features, boosting NRR from 75% to about 85% in 6 months and sustaining growth

### ***Senior Front-end Developer (May 2023 - Jul 2025)***

#### ***Avicenna Research - Toronto, Canada (Remote - Full-time)***

- Expanded a large research-focused project, serving over 200 universities and institutes as clients
- Optimized the web application's bundle size by approximately 20% (1.5 MB) by replacing over 20 libraries with fully tested utility functions
- Migrated about 50% of the codebase from JS to TypeScript through a year-long transition plan
- Developed a specialized, research-based watch application for Garmin devices in collaboration with the University of Essex, supporting a mental health study with over 20,000 participants

### ***Front-end Architect & Consultant (Feb 2024 - Mar 2025)***

#### ***Dorfak Intelligent Systems - Tehran, Iran (Remote - Contract)***

- Designed the architecture and structure of a PWA project, ensuring alignment with business logic, stability, maintainability, and simplicity
- Engineered a robust codebase infrastructure by integrating linters (for both code and Git), formatters, CI/CD tools, pre-commit hooks, and automation to enforce development standards across the team
- Led the onboarding of two front-end developers, helping them achieve full proficiency in the project and codebase within 6 months, enabling them to contribute independently to feature development

### ***Senior Front-end Developer (Oct 2022 - Apr 2023)***

#### ***Dorfak Intelligent Systems - Tehran, Iran (Remote - Full-time)***

- Architected 2 financial web applications for the Iranian stock exchange and cryptocurrencies
- Boosted the speed of the loading time for a product about 40% (3 seconds) by utilizing IndexedDB
- Reduced the number of lines of code in the codebase by approximately 10% through effective refactoring and removal of unused code left by previous developers

### ***Front-end Developer (Nov 2020 - Sep 2022)***

#### ***Zardalu - Tehran, Iran (Hybrid - Full-time)***

- Delivered 4 fully-tested enterprise web applications to European organizations and startups
- Achieved code coverage of 85% or higher for all software and projects using automated testing
- Refactored an outsourced project, switching from JavaScript to TypeScript and improving the performance while decreasing critical errors by approximately 70%

### ***Front-end Developer (Feb 2019 - Jul 2020)***

#### ***QuizLab - Hamedan, Iran (On-site - Part-time)***

- Coded lightweight and efficient solutions for performance-critical sections of the application by leveraging React and pure JavaScript
- Participated in the formulation of innovative ideas for different aspects of the software

## **EDUCATION**

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- Bachelor of Software Engineering (Bu-Ali Sina University)