Pedram Soofi
Software Engineer / Full-Stack

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Summary

Full-Stack Developer with 6+ years of experience, specializing in modern Front-End architecture and building scalable, modular systems across both client and server. Architected a micro-frontend banking platform and a service-driven backend that reduced development time by 10x and powered enterprise solutions serving 4M+ users.

I thrive in collaborative environments, enjoy connecting engineering decisions to user and business impact, and bring a thoughtful, product-minded approach to every project.

Deeply **passionate about learning and continuous growth**, always exploring new technologies, studying modern engineering practices, and experimenting with ideas through GitHub projects to stay sharp, curious, and adaptable.

Experience

Technical Team Lead | Senior Front-End Developer (*Jun 2023 – Sep 2025*)   **Part Software Group**

- Build a scalable Micro-Frontend ecosystem (Vite) and custom CI/CD publishing engine for a multi-tenant Digital Banking platform, automating white-labeling and **accelerating client delivery speed by 20x**.

- Achieved **10x codebase scalability** by establishing a "Shared Kernel" repository and configurable Design System, utilizing **Clean Architecture** to centralize reusable business logic and enforce strict UI consistency across micro-apps.

- Engineered a secure, framework-agnostic State Machine to manage complex loan workflows with strict authorization guards, utilizing an Event-Driven Architecture (Web Workers) for high-performance, decoupled service communication.

- Co-founded the Frontend Infrastructure Chapter to spearhead architectural modernization (DDD, FSD) and enforce SOLID principles, establishing a centralized UI library and **driving deep performance optimization**.

- Mentored +6 developers to elevate technical proficiency, fostering a high-performance culture through rigorous code reviews, algorithmic training, and collaborative knowledge sharing.

- Conducted advanced technical interviews to identify high-potential talent, rigorously assessing candidates on Clean Code, optimization, and soft skills to maintain high engineering standards.

Front-End Developer (*Feb 2020 – Jun 2023*)   **Part Software Group**

- Engineered a high-performance authentication platform Farashenasa serving **4M+ users**, utilizing **Clean Architecture** and **DDD** for scalability. Implemented a robust **WebRTC camera module** with background AI processing (Web Workers) for liveness detection, ensuring strict **WCAG accessibility** and security compliance.

- Developed a scalable, multi-tenant authentication widget Ekyc integrated by **20+ enterprise clients** (e.g., Snapp, Mofid, Farabi). Designed a **configuration-driven architecture** served via iFrames, enabling seamless, customized embedding across high-traffic platforms without code duplication.

- Built Ivira a comprehensive AI marketplace hosting **120+ services** with **SSR and PWA capabilities** for superior performance. Engineered a dynamic **Form Generator engine** that abstracted complex service inputs, **increasing development velocity by 10x** and ensuring maintainability.

- Delivered **20+ diverse web applications**, including a custom **TradingView engine fork**, an online **PDF Catalog Builder** for festivals, and a **Nuxt.js Static Site Generator** (Keystone CMS) that accelerated content delivery by **20x**.

- Enforced high engineering standards across all projects by implementing **comprehensive testing** strategies (Unit/E2E) and performance optimization techniques, ensuring highly maintainable, bug-free, and efficient codebases.

- Designed and led a structured **Internship Program** for **20+ candidates**, creating tailored learning paths focused on **Cloud-native frontend development** (Serverless). This initiative accelerated junior onboarding and significantly improved the company's engineering talent pipeline.

Back-End Engineer (*Oct 2023 – Aug 2025*)   **Rahe Roshd Institute**

- Designed a modular, loosely coupled, and testable backend architecture that improved scalability and long-term maintainability.

- Increased service uptime from an unstable 95% to a consistent 99.99% by implementing an LRU caching layer and optimizing database access patterns.

- Improved system scalability and resilience by introducing RabbitMQ-based asynchronous communication, fully decoupling external service interactions.

- Implemented monitoring and observability practices (logging, alerts, metrics) to reduce debugging and incident-resolution time.

- Conducted requirements analysis, domain exploration, and stakeholder communication to ensure accurate system understanding.

- Designed software systems using UML and architecture diagrams aligned with best practices in software engineering.

- Applied principles such as DDD, modular design, SOLID, and clean architecture to produce scalable and maintainable system designs.

Front-End Engineer (Remote/USA) (*Jun 2023 – Dec 2023*)   **Tek School**

- Designed interactive, reusable course templates that streamlined content creation and reduced production time significantly.

- Enhanced learner analytics by integrating xAPI, providing richer event tracking and actionable insights for instructors.

- Implemented secure authentication and user management using AWS Amplify, improving platform reliability and onboarding experience.

- Technical interviewer (Software Engineering skills, JavaScript Deep-Dive).

Lecturer (*Aug 2024 – Aug 2025*)   **National University of Skill**

- Instructed special topics in software engineering, with an emphasis on software system design, analysis, and web development.

- Delivered lectures and served as a **project supervisor** for students, guiding their technical and professional development in software engineering projects.

Front-End Instructor (*May 2021 – Jun 2025*)   **Part College**

- Instructed multiple courses, including **TurboFront** and **Developer** programs, covering core **Front-End development** and **Software Engineering** principles.

- Taught **Full-Stack Web Development** at the FUM-Bootcamp for Ferdowsi University, equipping students with comprehensive skills from front-end to back-end technologies.

Skills

- **Functional Competencies**: Product Thinking, UX Collaboration, Agile Methodologies, Cross-functional Communication, Stakeholder Communication, Ownership & Accountability, Performance Optimization, Scalability Engineering, Frontend Architecture, Component Design, Design Systems, UI/UX Implementation, Mentoring & Coaching, Code Reviews, Pair Programming, Continuous Improvement, Problem Solving, Testing Strategies, CI/CD Best Practices, Documentation, SaaS Application Development.

- **Technical Tools**: **TypeScript**, JavaScript, **React.js**, Next.js, Vue.js, Nuxt.js, **Micro-frontends**, Modular Architecture, Clean Architecture, SOLID, OOP, Design Patterns, FSD, TDD, Jest, Vitest, Vite, Webpack, REST, GraphQL, Node.js, TanStack, Storybook, Design Systems, Component Libraries, CSS-in-JS, TailwindCSS, Git, GitHub, **GitHub Actions**, **GitLab CI**, Sentry, CI/CD Pipelines, Automation, Web Workers, Performance Profiling, Accessibility (A11y), Browser APIs.

Education

Bachelor of Computer Science and Engineering (GPA: 4.30/5.0) (*Sep 2017 – Sep 2022*)   **Ferdowsi University**

Honors & Awards

- **Awarded Top Student in Internship Programs** (*2021 – 2022*)   **Ferdowsi University**
- **Faculty Member at Part College** (*May 2023 – Aug 2025*)   **Part College**

Volunteer Experience

CoreStorm Programming Contest – Science Committee Member (*Jun 2024 – July 2024*)   **National University of Skill**

- Contributed as a science committee member, designing contest questions with diverse technical insights and problem-solving approaches.

Languages

English - B2+ , **Persian** - *native*