

Pedram Soofi

Front-End Engineer

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LinkedIn Github

Summary

Senior Frontend Engineer with 6+ years of SaaS experience, delivering scalable, high-performance products — including leading the architecture of micro-frontend platforms serving 4M+ users. Consistently accelerate product delivery and UX quality by collaborating with cross-functional teams, teaching at universities/colleges, and mentoring engineering teams to raise technical standards. Recognized for driving impactful outcomes in fast-moving environments, from building modular banking applications used by multiple clients to achieving top performance in competitive academic and professional programs.

Experience

Technical Team Lead | Front-End Architecture (Jun 2023 – Sep 2025)

Part Software Group

- Architected 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 (Clean Architecture) and configurable Design System, centralizing reusable business logic to 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 (Clean Architecture, 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 (“Ekcy”) integrated by **20+ enterprise clients** (e.g., Snapp, Mofid). Designed a **configuration-driven architecture** served via iFrames, enabling seamless, customized embedding across high-traffic platforms without code duplication.
- Delivered **20+ diverse web applications**, including the **SSR/PWA-enabled “Ivira” AI marketplace**, a custom **TradingView engine**, and a **PDF Catalog Builder**. Engineered specialized tooling—such as a dynamic Form Generator and **Nuxt.js SSG** (Keystone CMS)—to **accelerate development and content delivery by 10–20x**.
- 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.

Front-End Engineer (Remote) (Apr 2024 – Aug 2025)

Rahe Roshd Institute

- Acted as a **System Analyst and Engineer** to architect a cohesive booking ecosystem (Client, Provider, Staff portals) serving **1,000+ daily customers**. Established a “Shared Kernel” and unified Design System to standardize UI across the three apps, achieving a **20x increase** in development velocity.
- Implemented a modular **TypeScript architecture** featuring a robust **ACL (Access Control List) layer**, ensuring secure, role-based feature access. Designed loosely-coupled UI modules to enable independent development and scalability without impacting core functionality.
- Adopted **Test-Driven Development (TDD)** and Agile/Scrum workflows to support a sensitive user base, partnering with product teams to ensure high UX quality, predictable releases, and minimized regressions.

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.

Education

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

Ferdowsi University