

Pedram Soofi

Front-End Engineer

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Summary

Senior Front End Engineer with deep expertise in **Micro-Frontends** and **Clean Architecture**, responsible for driving a **20x delivery speed increase** in complex FinTech ecosystems. Specialized in building high-performance, scalable applications using **TypeScript, Vue, and React**, with a focus on **Optimization, Security, and System Design**. A hands-on technical leader passionate about solving difficult engineering challenges and writing clean, maintainable code for mission-critical platforms.

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.

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

React, Vue, TypeScript, JavaScript (ES6+), Next.js, Nuxt.js, Micro-Frontends (Module Federation), Clean Architecture, DDD, FSD, SOLID, Scalability Engineering, State Machines, Event-Driven Design, Design Systems, Component Design, Web Workers, WebRTC, PWA, SSR, SaaS Development, Performance Optimization, TDD/Testing Strategies, Vitest, Cypress, CI/CD Best Practices, Product Thinking, UX Collaboration, Agile Methodologies, Mentoring & Coaching, Cross-functional Communication, Code Reviews, & Ownership/Accountability.

Education

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

Ferdowsi University