

**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

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- **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

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

Ferdowsi University

### Honors & Awards

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

### Volunteer Experience

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#### 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

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English - B2+ , Persian - native