

Hesam Mirzaee

FRONTEND ENGINEER

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PROFILE

Frontend Engineer with 3+ years of experience building and scaling production web applications with React and TypeScript. Experienced in frontend architecture, monorepo design, reusable component systems, complex API integrations, and real-time applications. Proven experience improving codebase maintainability, application performance, developer experience, and CI/CD workflows in large-scale products. Focused on building performant, accessible, and maintainable web applications through strong engineering practices and cross-functional collaboration.

EXPERIENCE

Frontend Engineer

2024– Present

PayamGostar · Tehran

Tech Stack: React, TypeScript, Vite, React Query, Zustand, WebSocket

- PayamGostar is a leading provider of enterprise CRM and fintech solutions in Iran, delivering large-scale platforms for businesses and financial institutions.
- Led the migration of 10+ frontend applications from a pnpm workspace to Turborepo, restructuring package boundaries to eliminate circular dependencies and decouple applications from a shared UI layer; improved developer experience and reduced CI build time by ~30% through dependency-aware task execution and build caching.
- Developed a client-facing AI platform dashboard enabling users to manage API keys, fund their accounts, and monitor API consumption through interactive usage analytics and charts, integrating payment, account balance, and AI usage APIs into a unified interface.
- Developed and maintained core CRM modules used in an enterprise-scale platform using React, Vite, and TypeScript.
- Configured Azure DevOps build and release pipelines with automated linting, type checking, and production build validation, improving reliability of the frontend delivery workflow.
- Conducted code reviews and optimized frontend performance across enterprise CRM modules, improving code quality, maintainability, and rendering efficiency.

Frontend Engineer

2025– Present

Plannerium · Part time

Tech Stack: React, TypeScript, Vite, TanStack Router, React Query, Zustand, Zod, Tailwind CSS, Storybook, Docker, CI/CD

- Own the frontend architecture, project structure, development workflows, and engineering standards for an early-stage product, establishing scalable conventions for continued development.
- Designed and built a Turborepo-based monorepo using pnpm workspaces, defining clear boundaries between the web application, shared UI library, HTTP client, and shared TypeScript and ESLint configurations.
- Developed reusable UI components and end-to-end authentication flows, including registration, login, OTP email verification, password recovery, protected routes, and token-based session management.

- Built an SEO-optimized, responsive landing page using semantic HTML and modern web practices, improving discoverability, accessibility, and cross-device usability.
- Established automated testing for critical application flows using Vitest, React Testing Library, and Cypress, and developed accessibility tooling to identify usability and accessibility issues across the frontend.
- Dockerized the frontend with a production-ready multi-stage build using Node.js, pnpm, and Nginx, configuring static asset caching, gzip compression, and SPA routing.
- Established CI/CD workflows with automated quality checks and production builds, improving consistency and reliability across the development and deployment process.
- Built and maintained a shared component system with Storybook, providing isolated component development, documentation, and testing to improve UI consistency and maintainability.

EDUCATION

Master of Science in Software Engineering	2025 - Present
Khatam University · Tehran	
Bachelor of Computer Science	2020 - 2024
Azad Science and research branch · Tehran	

CERTIFICATIONS

Digi-Next bootcamp	2024
Frontend Engineer	

SKILLS

- React & modern frontend development
- JavaScript (ES6+) & TypeScript
- Monorepo architecture & dependency management
- Clean Code, SOLID & code review
- CI/CD & deployment workflows
- SSR & SEO
- Frontend architecture & component design
- Performance optimization & debugging
- Responsive & semantic web development
- REST API & real-time communication
- Accessibility & automated testing
- Problem solving & technical ownership

TOOLS & TECHNOLOGIES

React · TypeScript · JavaScript · Next.js · TanStack Query · Zustand · React Router · TanStack Router · HTML5 · CSS3 · Tailwind CSS · Vite · Turborepo · pnpm · Storybook · REST APIs · WebSocket · SignalR · Vitest · React Testing Library · Cypress · Swagger/OpenAPI · Git/GitHub · Docker · Azure DevOps · Postman