

Ehsan Shirani

Senior Front-End Engineer | Next.js - TypeScript

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PROFESSIONAL SUMMARY

Senior Front-End Engineer with 5+ years of experience building enterprise web applications that real teams and organizations depend on. My work spans a wide range of business domains — CRM, ERP, HRM, ticketing, banking, and accounting — which has taught me how to turn complex, ever-changing requirements into clear architecture and maintainable code. I work mainly with React, Next.js, and TypeScript, and I care most about the things that aren't always visible: scalable structure, solid performance, and a codebase that stays healthy as the product grows. Over the years I've grown from writing my first components into someone who leads front-end decisions, mentors other developers, and helps teams build in a more consistent and thoughtful way. I enjoy owning features end to end and working closely with backend, product, and design to ship software that genuinely works well for the people using it.

CORE COMPETENCIES

Frontend: React.js, Next.js, NextAuth, TypeScript, JavaScript (ES6+), HTML5, CSS3
State & Data: Redux Toolkit, Zustand, React Query (TanStack Query), Dynamic Form Architecture
UI & Styling: Tailwind CSS, ShadCN, MUI, Ant Design, Framer Motion, Figma, Pixel-Perfect & Responsive Design
Forms & Validation: React Hook Form, Formik, Zod, Yup
Architecture: Modular Design, Monorepo, Reusable Component Systems, Code Splitting, Lazy Loading, Render Optimization
API & Integration: REST, GraphQL, Axios, JWT Authentication, SSR / CSR / SSG / ISR
Security: RBAC, Authentication, Session Management, Secure Access Control
Backend (working knowledge): Node.js, Express.js, MongoDB, Mongoose, REST API Development
DevOps & Tooling: Docker, Kubernetes, CI/CD Pipelines, Git, GitHub, Vite, Webpack, i18next, BPMN.IO
PM & Collaboration: Scrum, Jira, Azure DevOps, Mentoring, Technical Interviews, Team Leadership

PROFESSIONAL EXPERIENCE

Senior Front-End Engineer — AliaSaaS

Oct 2025 – Present

Tehran, Iran · Full-time, On-site

- Lead front-end development across multiple enterprise products (CRM, ERP, HRM, Ticketing), with a focus on scalability and modular architecture.
- Build type-safe applications with React, Next.js, and TypeScript, implementing pixel-perfect UI from Figma using Tailwind CSS, ShadCN, and Ant Design.
- Optimize performance through code splitting, lazy loading, and advanced render management on large-scale projects.
- Design scalable architecture and reusable component patterns, managing complex state and data flow over RESTful APIs.
- Implement RBAC, session management, and enterprise-grade authentication flows.
- Conduct technical interviews (30+ candidates to date), mentor developers, and collaborate cross-functionally with Product, Backend, and UX/UI teams.
- Apply AI-assisted tools (Claude AI, Cursor, Codex) to accelerate delivery, and use BPMN.IO for workflow-driven business process modeling.
- Manage deployments via Docker, Kubernetes, and CI/CD pipelines.

Front-End Engineer — Payesh Armaghan Yaran (Paya)

Dec 2022 – Jun 2025

Tehran, Iran · Full-time, On-site

- Led and contributed to multiple large-scale enterprise systems for government and semi-governmental organizations, including banking, stock-exchange, and AI platforms.
- Built and maintained complex global state with Redux Toolkit across high-volume applications.
- Implemented authentication mechanisms and user access control tailored to high-security requirements.

- Developed complex, validated forms with Formik and Yup, and built analytical dashboards with dynamic data visualizations using React Chart.js 2.
- Took full ownership of a half-completed Vue.js project in 2024, refactoring its architecture and re-delivering it entirely in React/Next.js.
- Mentored junior developers, led code reviews, and shaped team-wide best practices using enterprise UI libraries such as MUI.

Front-End Engineer — Podkadeh

Oct 2021 – Sep 2022

Tehran, Iran · Full-time, On-site

- Joined a podcast production and publishing platform as an intern; promoted to Junior within one month.
- Built strong foundations in core React and JavaScript, intentionally avoiding UI libraries to develop deeper technical understanding.
- Contributed to admin panels, landing pages, and dynamic content feeds; integrated GraphQL APIs and strengthened reusable component architecture.

FREELANCE PROJECTS

Senior Front-End Engineer (Freelance) — Winki.ir

Jan 2025 – Jun 2025

Remote

- Refactored the entire Next.js architecture of an e-commerce platform, replacing a legacy API integration with a modern, performant one.
- Implemented optimal rendering strategies (SSR, CSR, SSG, ISR) to maximize speed and SEO, reducing page-load time from ~20s to ~3s.
- Delivered pixel-perfect UI from Figma using Cursor, Codex, and Claude AI for an accelerated design-to-code workflow.

Front-End Engineer (Freelance) — Hooshayand

Jul 2023 – Dec 2023

Remote · Part-time

- Acted as sole front-end developer for the company's core dashboard product.
- Refactored legacy class-based components into a modern, functional Hook-based architecture, improving performance and maintainability.
- Optimized API communication with React Query to cut unnecessary re-renders and improve response times; built reusable MUI components and complex validated forms with React Hook Form.

SELECTED PERSONAL PROJECT

Modern E-Commerce Platform — React, TypeScript, Redux Toolkit, MUI

github.com/ehsanshirani/ts-react-store

- Fully responsive architecture with reusable, strongly-typed components and global cart state managed via createAsyncThunk with async product fetching.
- Real-time client-side search, filtering, pagination, dark/light theming, and smooth UI animations using Framer Motion.

EDUCATION

Computer Science — Vali-e-Asr University of Rafsanjan

2019 – 2021

Rafsanjan, Iran

LANGUAGES

Persian — Native

English — Professional Working Proficiency