

EHSAN MOLAEI

Senior Frontend Engineer

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SUMMARY:

Senior Frontend Engineer with **9+ years** building web and mobile products across fintech, automotive, and SaaS — now leading a frontend team. Specialized in **React**, **Next.js**, **React Native**, and **TypeScript**, with a strong focus on performance (**Web Vitals**, code splitting, WebSockets), **design systems**, and scalable architecture in **monorepos**. Proven at mentoring engineers and shipping accessible, high-performance interfaces in **Agile** teams.

PROFESSIONAL SKILLS:

Front End Development

TypeScript, React.js, React Native, Next.js, Redux, Zustand, RTK Query, React Query, HTML5, CSS3 (SASS, SCSS), JavaScript (ES6+), Storybook, Styled-components, Emotion, CSS-in-JS, Tailwind CSS, Bootstrap, Material-UI, Accessibility (WCAG), REST APIs

Tools, Testing & Performance

Webpack, Vite, NPM, Yarn, Git, GitHub, GitLab, Bitbucket, Docker, GitHub Actions (CI/CD), Jest, Playwright, React Testing Library, Code Splitting, Lazy Loading, Lighthouse, Web Vitals, Node.js, Express

Soft Skills & Additional

Communication, Problem-Solving, Attention to Detail, Teamwork, Adaptability, Design Tools (Figma, XD), Agile / Scrum, Management Tools (Jira, Trello, Kanban), SEO Optimization

WORK EXPERIENCE:

Frontend Team Lead

Balinex, Qom, Iran · March 2025 – Present

- Led the development and refactoring of **Balinex's trading platform**, implementing new features and collaborating with the **design and product team** to enhance user experience.
- Developed an in-house **Design System**, improving developer experience and reducing development cost across the team.
- Orchestrated the architecture, folder structure, and technology stack for Balinex within a **monorepo** using **React.js**, **Next.js**, **TypeScript**, **Jest**, **Redux**, and **WebSockets**, ensuring scalability and efficiency in development.

Senior Frontend Engineer

Balinex, Qom, Iran · January 2024 – March 2025

- Led the redesign and optimization of the user interface for **Balinex's trading platform**, resulting in a **30%** increase in user engagement.
- Collaborated with backend engineers to integrate **WebSocket** technology, resulting in a **40%** reduction in data fetching times and significantly improved overall application responsiveness.
- Enhanced the video recording functionality with real-time guidance and quality checks, ensuring clear and usable **video submissions** for identity verification.

Senior Frontend Engineer

Tafarda Studio, Tehran, Iran · May 2023 – January 2024

- Led the development of **Mdotcar**, an online tow car rescuer platform with dedicated sections for clients and expert tow services.
- Optimized the **iAuth** joint authentication system at Tafarda Studio, boosting efficiency by **20%** and reducing response time by **25%** through refactoring with **Next.js**.
- Contributed as a key developer to the implementation of the **Rsoon+ Platform**, assisting users as an investment analyst consult.

EDUCATION:

Bachelor of Computer Science · September 2016 – June 2021

Mazandaran University, Iran

LANGUAGES & INTERESTS:

Languages: Persian (Native) · English (Upper-Intermediate (B2)) · German (A2)

Interests: Football & Jogging · Tech content on YouTube