

Masoud Mousavi

Senior Front-End Engineer | React.js | TypeScript

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PROFESSIONAL SUMMARY

Senior Front-End Engineer with 4+ years of experience building real-time fintech and SaaS products with React, TypeScript, and Next.js. Owns frontend architecture end to end, including state design, component systems, testing, accessibility, and performance. Improved initial load time by ~30%, reduced critical widget render time from ~50 ms to <5 ms, and helped cut emergency rollbacks by approximately 50% through automated testing.

TECHNICAL SKILLS

Frontend: JavaScript (ES6+), TypeScript, React.js, React 19, Next.js (SSR/SSG), AngularJS, jQuery, HTML5, CSS3

State and Data: Redux Toolkit, Zustand, TanStack Query (React Query), Context API, Reselect, REST APIs, GraphQL, Apollo Client, WebSockets

UI and Performance: Tailwind CSS, Panda CSS, styled-components, Sass/Less, responsive design, accessibility (a11y), RTL/LTR layouts, CSS logical properties, Core Web Vitals

Testing and Tooling: Jest, React Testing Library, Cypress, Storybook, Vite, Webpack, npm, Git/GitFlow, Docker, CI/CD, Sentry

Engineering: Frontend architecture, design systems, reusable component libraries, performance optimization, code review, mentoring, technical documentation, cross-functional collaboration, Agile/Scrum

PROFESSIONAL EXPERIENCE

Senior Front-End Developer | RBTex

Dec 2024 - Present | Crypto payments and exchange platform | Remote, Full-time

- Architected and delivered real-time crypto payments and exchange dashboards with React 19, Next.js, and TypeScript, owning frontend decisions from technical design through production release.
- Reduced initial page-load time by ~30% through route-level code splitting, lazy loading, tree shaking, and performance budgets focused on Core Web Vitals.
- Established scalable state-management, component, testing, and CI/CD standards for continuous high-volume data streams; reviewed code and mentored junior engineers.
- Partnered with backend and design teams to ship accessible, reusable UI components, maintain technical documentation, and keep complex financial workflows responsive.

Front-End Developer | Pendar Ideas (DivanHR)

May 2024 - Dec 2024 | HR software | Tehran, Full-time

- Identified performance and maintainability issues in a legacy AngularJS/jQuery portal, built a React proof of concept, and secured leadership approval to lead a phased migration.
- Migrated ~30 screens (70-80% of the portal) to React in ~5 months using side-by-side rollout and feature flags while maintaining the production Angular dashboard.
- Designed and versioned an internal ui-core component and hooks library, including its build pipeline and documentation, for adoption by the admin engineering team.
- Launched Good Vibes, a peer-recognition feed with leaderboards and real-time notifications, increasing daily active users by approximately 5-8%.

Front-End Developer | Bitbine

May 2023 - Apr 2024 | Crypto trading platform | Tehran, Full-time

- Rearchitected a fragile trading interface with TanStack Query for REST data and a custom WebSocket manager for throttling, snapshot/delta merging, and reconnect backoff, keeping the UI responsive for 2,000-3,000 concurrent users.
- Optimized the real-time order book and candlestick chart for ~300 ms deltas and multi-thousand-point histories by using Map-based O(1) updates and memoized transforms, reducing widget render time from ~50 ms to <5 ms.
- Introduced Jest and React Testing Library coverage for order-critical logic plus Cypress end-to-end tests in CI, cutting emergency rollbacks by approximately 50% and making automated tests a team default.

Front-End Developer | Imorit

Apr 2022 - Mar 2023 | Digital agency | Shiraz, Full-time

- Delivered ~20-25 responsive React screens across 5-6 client projects from Figma designs, using CSS logical properties to support Persian RTL and mixed-direction interfaces.
- Built a branded, animated meeting-room booking calendar with react-big-calendar that was specifically highlighted in client feedback.
- Created a reusable SASS-based component library adopted on 3 of the next 4 projects, reducing personal project setup time from ~4-5 hours to ~1 hour.

EDUCATION

Bachelor of English Literature

Shahid Bahonar University of Kerman | May 2017 - Mar 2020

LANGUAGES

Persian: Native | **English:** Fluent