

Nima Moradirad

Senior Frontend Engineer

Senior frontend engineer building secure, high-performance products across web, Android, and PWA surfaces. Specialized in React, Next.js, TypeScript, real-time systems, resilient service workers, and AI-assisted delivery.



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CORE CAPABILITIES

WEB ARCHITECTURE

React, Next.js, TypeScript, Vite, SSR/CSR/SSG/ISR/PPR, DDD

MOBILE + PWA

Capacitor, Android, Java plugins, service workers, update/cache control

AI + SYSTEMS

Codex, Claude Max, Node.js, LangChain, WebSockets, REST, GraphQL

PROFESSIONAL EXPERIENCE

Senior Frontend Developer @ Hesabo

02/2025 - Present | Tehran

- Shape frontend architecture and delivery across Admin, Employer, Employee, and Support experiences; mentor and onboard engineers around DDD boundaries.
- Develop and maintain Android applications with Capacitor, platform integrations, and custom Java plugins across web and mobile releases.
- Design and maintain a custom PWA/service-worker layer with controlled auto-updates, cache versioning, invalidation, offline fallbacks, and safe asset rollout.
- Improve security and reliability through build optimization, XSS defenses, validation, authorization, and WebSocket/SignalR features.
- Use Codex and Claude Max for architecture, refactoring, code review, testing, documentation, and repeatable delivery workflows.

Senior Frontend Engineer @ Basilica Finance

03/2024 - 03/2025 | Tehran

- Led frontend delivery for a scalable finance PWA with Next.js, TypeScript, Zustand, Tailwind CSS, and MUI; implemented protected authentication and Lighthouse-focused performance work.
- Reviewed GitHub/GitLab merge requests, resolved conflicts, and maintained release quality across a high-request application.

Frontend Developer @ BarnameNegar

01/2023 - 03/2024 | Tehran

- Built internal government dashboards and panels with Vite, TypeScript, SSR, REST APIs, Tailwind CSS, shadcn/ui, and Redux state management.

React Developer @ KZI

12/2020 - 09/2022

- Delivered e-commerce and content experiences with React, JavaScript, Material UI, and Redux Toolkit while maintaining Lighthouse and PWA/SPA behavior.
- Worked with Vite, TypeScript, HeroUI, React Hook Form, Yup validation, and router-driven application architecture.

EDUCATION AND LANGUAGES

B.S.C. COMPUTER ENGINEERING

Tehran Azad University
2021 - Present

LANGUAGES

English: Native/bilingual
Persian: Native/bilingual
German: Elementary

ENGINEERING EDGE

AI-ASSISTED DELIVERY

Codex and Claude Max for implementation, refactoring, review, testing, and documentation. Node.js and LangChain agents.

MOBILE + PWA DELIVERY

Capacitor Android delivery, Java plugins, and controlled service-worker update/cache strategies.

SELECTED WORK



XO Arena

OPEN

NEXT.JS | TYPESCRIPT | EXPRESS | SOCKET.IO | PRISMA | MYSQL | ZOD | PWA

Real-time, type-safe Tic-Tac-Toe with matchmaking, secure sessions, server-validated turns, shared contracts, avatar uploads, and installable PWA support.



Emerald Case

OPEN

NEXT.JS | TYPESCRIPT | PRISMA | MONGODB | STRIPE | RESEND | SHADCN/UI

Internationalized SSR commerce with protected auth, Stripe checkout, email, uploads, theming, persistent state, and a custom UI system.



Hesabo Platform

OPEN

VITE | TYPESCRIPT | MOBX | REACT CONTEXT | HEROUI | TAILWIND CSS | DDD

Four-surface B2B financial product with DDD boundaries, real-time features, Android delivery, and controlled PWA update/cache behavior.

TECHNICAL TOOLKIT

UI + STATE: Tailwind CSS, shadcn/ui, MUI, HeroUI, Zustand, Redux Toolkit, MobX

DATA + QUALITY: REST, GraphQL, Zod, Yup, RHF, unit/E2E testing, Sentry

ARCHITECTURE: DDD, micro-frontends, Module Federation, Docker, Prisma, MySQL, MongoDB

FULL PORTFOLIO

nimamoradirad.com