
Ehsan Mahmoudi

Frontend Developer

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SUMMARY

Frontend Developer and technology enthusiast with 4+ years of experience crafting scalable, user-focused web applications using React, Next.js, TypeScript, and modern tooling. Passionate about building robust UIs, optimizing performance, and delivering high-impact products through collaboration with cross-functional agile teams.

EXPERIENCE

Stat-co., Tehran Iran (Full Time) - Frontend Developer

October 2025 - PRESENT

Stat-co is an Iranian technology company that develops advanced network and endpoint security solutions for enterprises, including EDR systems

- **Projects:**
 - EDR System Admin Panel (Enterprise Security Management Dashboard)

Key Tech: Typescript, NextJs, i18next, SWR, React-hook-form, Yup, MUI, Zustand, RTK, SSR, SSG, eCharts.js

Saminasoft co., Tehran Iran (Full Time) - Frontend Developer

April 2024 - September 2025

SaminaSoft, an Iranian startup, provides a comprehensive online financial app designed for businesses which simplifies transactions, enhances financial planning, and offers robust accounting features.

- **Projects:**
 - Samina online accounting app (based on a custom-built design system)
 - E-commerce website for selling accounts for Samina app
 - CRM system for Motor Azma co.
 - QA and test app for Iran Khordro
 - Moadian system online app tax.saminasoft.ir (username: demo, password: demo)
- Collaborated with UI/UX and backend teams to implement 20+ new features, reducing UI bugs by 30% and improving development speed through shared reusable components.
- Applied Atomic Design principles to structure 80+ UI components, increasing code reusability by 40% and cutting development time for new modules by 25%.
- Helped reduce code duplication by 35% and improved team delivery speed through a shared component library.

Key Tech: Typescript, ReactJs, NextJs, Vite, tailwind css, Radix UI, Git hooks, Storybook, i18next, React Query, React Router, React-hook-form, Yup, Zod, redux-persist, MUI, Orval, Zustand, RTK, SSR, SSG

sparse.tech OÜ, Tallinn Estonia (Remote - Full Time) - Frontend Developer

February 2022 - April 2024 (2 years, 3 months)

Sparse Tech is an Estonian startup led by a German team, with a portfolio that includes a restaurant menu and ordering app as well as a language-learning platform. I played a key role in developing the restaurant application, contributing to both frontend and backend development

- Contributed to *Yumlet*, a restaurant food ordering web app.
- Refactored 50+ core components and improved state management logic, enhancing maintainability and reducing redundant renders by ~25%.
- Designed new database schemas and backend APIs using NestJS and Prisma.
- Collaborated in a fully remote agile team of 8+ members, actively participating in sprint planning, code reviews, and architecture discussions.

Key Tech: Typescript, ReactJs, webpack, babel, styled components, ant design, GitHub actions, Git hooks, Storybook, react-intl, React Query, React Router, Rest, OpenApi, OpenApi generator, Nestjs, PostgreSQL, Prisma ORM, Jest, Supertest, pnpm mono-repo, WebSocket

SKILLS

- **Frontend**
 - Typescript
 - React
 - Next.js (SSR, SSG, ISR, ...)
 - Redux, Zustand, Context
 - React Query
 - React Hook Form, Yup
 - React Router
 - WebSocket
 - PWA
- **UI Libraries and Styling**
 - MUI
 - Ant Design
 - Tailwind CSS
 - Styled Components
 - shadcn
- **OS**
 - Windows
 - Linux
- **Dev Tools & CI/CD**
 - Git
 - GitHub Actions
 - Git hooks
 - Webpack
 - Babel
 - Vite
 - Docker
- **Testing and QA**
 - Jest
 - Cypress
 - Supertest
 - Storybook
- **Backend**
 - NestJs
 - PostgreSQL
 - Prisma ORM
- **Agile Methodology**
 - Scrum

EDUCATION

Azad University, Tehran South Branch - B.sc

2006 - 2009

B.sc in Electronics Engineering

RECOMMENDATIONS

Recommendation from **Tim Nieradzik**, CTO at **sparse.tech** OÜ

References available upon request

PRIOR EXPERIENCE (Embedded Systems)

RSA Electronics co. , Tehran Iran - *Embedded Systems Engineer*
(Hardware and Software)

October 2015 - February 2022

Para Sanat Co., Tehran Iran - *Embedded Systems Engineer -Technical Manager*

April 2011 - October 2015

Technologies and methods: Arm Controllers, STM32, MISRA-C, IAR Embedded Workbench, C, ISO7816, ISO/IEC 14443, Mifare, M-bus, DLMS/COSEM, LWIP TCP/IP stack, ISO7816, ISO/IEC 14443, Mifare, DesFire, NMEA, TFT