Emad Zeraatzadeh | Frontend Developer (React.js / Next.js)

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SUMMARY

Experienced React.js / Next.js Developer with over 3 years of expertise in building high-quality, fast, and efficient web applications. Skilled in creating responsive, user-friendly interfaces using modern frontend technologies and industry best practices. A strong collaborator with a proven ability to work effectively in cross-functional teams, delivering solutions that align with business and client requirements.

SKILLS

- **Languages:** JavaScript (ES6+), **TypeScript**, HTML5, CSS3
- **Frameworks & Libraries:** **React.js**, **Next.js (SSR, CSR, SSG, ISR)**, Redux Toolkit, Zustand, React Query, SWR
- **UI & Styling:** Tailwind CSS, Material UI (MUI), Sass, Bootstrap
- **Testing:** React Testing Library, Vitest
- **Backend Integration:** REST APIs, Axios, Authentication & Authorization, Token Management
- **Tools & Practices:** Git, Docker, CI/CD, PWA, Performance Optimization, Debugging
- **AI-Assisted Development:** Claude Code, OpenAI Codex, Prompt Engineering, Context Engineering

WORK EXPERIENCE

React.js/Next.js Developer

Arman Sarmayeh Hamrah | Tehran | 11/2023 – 04/2026 | 2 years and 5 months | Full-time
https://my.portfoyar.com **Tech:** React.js, JavaScript, Material-UI (MUI), MUI Data Grid, Zod, SWR, Zustand, Recharts, PWA.
https://armancrowd.com **Tech:** Next.js, SSR, CSR, TypeScript, Tailwind, Zod, Zustand.

- Built and maintained production features for Portfoyar, a capital market analysis platform, including interactive financial charts, customized data grids, and PWA support
- Implemented authentication with access/refresh token management and subscription-based premium feature flows
- Developed ArmanCrowd, a crowdfunding platform, using Next.js with server-side Route Handlers and Middleware-based token refresh

IT Support & Web Content Specialist

Nashr-e Tarikh-e Iran | Tehran | 12/2016 – 07/2022 | 5 years and 7 months | Full-time

- Provided technical support to editorial and administrative staff, including Windows installation, software configuration, troubleshooting, and workstation maintenance
- Configured and maintained LAN connections between office workstations, diagnosing and resolving hardware, software, and network issues
- Administered the organization's WordPress website, maintaining book listings, product information, and site content
- Assisted non-technical employees, minimizing disruption to daily publishing operations

PROJECTS AND CHALLENGES

My portfolio — Personal website & dashboard

- **Link:** https://emadz.dev
- **Tech:** Next.js, TypeScript, Tailwind, Zod, Zustand, Supabase.
- **Description:** Designed and developed a dynamic personal portfolio and online resume with an authenticated dashboard for managing portfolio content.
- **Challenges & Solutions:**
    - **Backend Architecture:** The project required a backend solution for managing dynamic portfolio content and media without maintaining a separate backend application. I integrated Supabase as the database and storage layer, allowing the portfolio data to be managed dynamically through the dashboard.
    - **Authentication & Authorization:** I implemented authentication and authorization with Supabase and configured Row Level Security (RLS) policies to restrict write operations to authenticated users while allowing appropriate public access to portfolio content.
    - **Performance Optimization:** Optimized the application using Next.js server-side rendering, server-side data fetching, appropriate Server/Client Component separation, and optimized asset delivery to maintain fast page loads and responsive interactions.

Portfoyar — Stock Market Analysis Platform (Arman Sarmayeh Hamrah)

- **Link:** https://my.portfoyar.com
- **Tech:** React.js, JavaScript, Material-UI, MUI Data Grid, Zod, SWR, Zustand, Recharts, PWA.
- **Description:** Developed and maintained a stock market analysis platform for the Iranian market, providing users with financial data, stock analysis, market insights, interactive charts, portfolio information, and personalized user accounts. The platform also includes authentication, subscription-based premium features, and a Progressive Web App (PWA) experience.
- **Challenges & Solutions:**
    - **Component Customization & Data Visualization:** The application required highly customized data tables and interactive financial charts. Customized Material-UI Data Grid and Recharts

components to meet the application's specific UI, data presentation, and user experience requirements.

- **Authentication & Token Management:** Implementing secure user registration and login required handling access and refresh tokens throughout the application.
- **Subscription Management:** Implemented frontend workflows for purchasing subscriptions and unlocking premium features based on the user's subscription status, integrating with the platform's authentication and payment APIs.

ArmanCrowd — Crowdfunding platform (Arman Sarmayeh Hamrah)

- **Link:** https://armancrowd.com
- **Tech:** Next.js, SSR, CSR, TypeScript, Tailwind, Zod, Zustand.
- **Description:** Developed and maintained a crowdfunding platform that allows users to explore investment opportunities, access project information, and interact with investment-related features.
- **Challenges & Solutions:**
  - **Secure Sensitive Data Handling:** Some operations required sensitive data and privileged backend communication that should not be handled directly by the browser. Implemented Next.js Route Handlers and reusable server-side functions as a controlled server-side layer between the client and backend API.
  - **Authentication & Authorization:** The platform required different access levels and user-specific functionality, including determining whether a user had a verified SEJAM identity and restricting certain features, such as commenting, to authenticated users. Implemented authentication and authorization flows to manage user access based on authentication and verification status.
  - **Access & Refresh Token Management:** Authenticated API requests required reliable token lifecycle management. Implemented token validation and refresh logic in Next.js Middleware, automatically handling expired access tokens through refresh tokens and maintaining authenticated user sessions.

LANGUAGE

English: Professional working proficiency

EDUCATION

Bachelor’s degree in English Translation | Karaj Branch of Azad University | GPA: 3.6/4 | 02/2020 – 02/2024

Daneshkar Bootcamp | Frontend Development (React.js/Next.js) | Certificate awarded | 03/2023 – 08/2024