ROYA AZEMI

FRONT-END SOFTWARE ENGINEER

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Front-End Software Engineer with 4+ years of experience building scalable, high-traffic web applications used by millions of users. Specialized in React and TypeScript, with strong expertise in performance optimization, design systems, and building reusable, maintainable front-end architectures for mobile and desktop platforms. Passionate about delivering reliable, intuitive user experiences through clean architecture and cross-functional collaboration.

Experience

Digikala | E-commerce | Front-End Software Engineer | OCT 2024 - JUL 2025
One of the leading e-commerce platforms in the Middle East with 40M+ monthly visitors and 4M+ orders

- Architected scalable front-end features for Transportation and Admin Platforms using React and Zustand, improving workflow efficiency and long-term maintainability
- Built interactive dashboards with Chart.js and TanStack Table, featuring sortable tables, filtering, and visual progress tracking for data-driven decisions
- Developed admin tools for station data, ticket management, and geo-location (React Leaflet) to streamline operations
- Developed high-quality, accessible (WCAG 2.1-compliant) UI components with Tailwind CSS and Storybook, ensuring responsive, inclusive, and consistent design across projects
- Collaborated with UX designers, back-end engineers, and researchers to translate design concepts into responsive, production-ready front-end systems supporting millions of users

Tosan Techno | Fintech | Front-End Developer | JUL 2024 - OCT 2024
A top provider of smart electronic payment terminals and virtual banking in the Middle East

- Refactored and unified two state machines into a single robust system, enhancing frontend code structure, simplifying debugging, reducing potential errors, and improving maintainability and scalability
- Enhanced component reusability and centralized state management to strengthen scalability and code quality

Ramzinex | Fintech / Crypto | Front-End Developer | FEB 2021 - APR 2024
One of the founding cryptocurrency exchanges in the Middle East, with 2M+ active users

- Redesigned and optimized core PWA financial pages (Wallet, Deposit, Withdraw, Portfolio, Security, Referral, Easy Trade), reducing user-reported errors by ~35% while improving accessibility compliance (WCAG 2.1) and overall usability
- Engineered scalable frontend features using TypeScript, Redux, and REST APIs, including an API Management module for 2M+ users, handling authentication flows, error states, and endpoint validation with Postman and Swagger
- Built responsive onboarding and account-security flows with Next.js (PIN Lock, password change), increasing mobile sign-up completion by ~50% and strengthening user trust and platform security
- Established reusable frontend components and shared UI patterns, standardizing code structure and improving development speed, maintainability, and consistency across multiple product areas throughout the project
- Designed and implemented a lightweight in-app feedback and rating system integrated with the Google Sheets API, enabling thousands of users to submit feedback without backend infrastructure and accelerating product iteration cycles

- Optimized application performance through code-splitting, lazy loading, memoization, and image optimization, reducing load times by ~20% and improving Core Web Vitals
- Improved SEO and growth initiatives by implementing dynamic meta tags, structured data, Open Graph metadata, optimized routing with sitemaps and canonical tags, SSR/SSG, and Google Analytics (gtag) event tracking to support user acquisition and campaign analysis
- Built and launched a referral program using reusable components and centralized state management, contributing to increased user engagement and platform adoption
- Integrated automated testing with Jest and React Testing Library to improve reliability and reduce regression risk.
- Collaborated cross-functionally with UX designers, researchers, and engineers in Agile/Scrum teams to ship responsive, accessible, production-ready React and Next.js applications at scale

Personal Projects (My GitHub)

Charity Finder - Next.js, TypeScript, Material-UI

A centralized platform for discovering and supporting charities, helping users find donation opportunities easily and make an impact

Demo: Live Demo on Vercel - GitHub: On GitHub

- Developing a production-ready charity discovery platform using Next.js and TypeScript, featuring dynamic routing, filtering, and search across 50+ organizations
- Designing the project end-to-end, focusing on scalability, accessibility, and clean component architecture, and deploying it with CI/CD on Vercel

Education

Tehran Institute of Technology

Certificate in JavaScript, HTML, and CSS

Amirkabir University of Technology - Tehran Polytechnic

M.Sc. in Planning and Management of Electrical Energy Systems

International University of Imam Reza

B.Sc in Electrical Engineering

Skills

Front-End: HTML5, CSS3, JavaScript (ES6+), TypeScript, React.js, Next.js, Progressive Web Apps (PWA), Responsive Layout Systems (Flexbox, CSS Grid)

UI Frameworks & Libraries: Material-UI, Tailwind CSS, Storybook (component development & visual regression testing with Chromatic), TanStack Table, React Leaflet, Data Visualization (Chart.js)

State Management & APIs: Redux, Zustand, React Query, REST API integration, Axios, Postman, Swagger

Testing & Quality: React Testing Library, ESLint, WCAG 2.1 compliance

Tools & Practices: Git, GitHub, CI/CD, Agile/Scrum, Performance optimization, SEO (SSR/SSG), Design system implementation, Responsive design principles, Accessibility & Usability Best Practices

Currently Learning: AWS, LLMs & AI integration