MEHRSHAD BAQERZADEGAN

Senior Front-End Engineer

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SUMMARY

Senior Frontend Engineer with 5+ years of experience developing both enterprise (B2B) and consumer (B2C) web applications. Proficient in JavaScript and TypeScript, with expertise in Angular and React for professional projects, and Node.js and Nest.js for side projects. Skilled at crafting system designs and micro frontend architecture. Open to working with different stacks and frameworks.

CORE SKILLS & TOOLS

Languages: JavaScript, TypeScript, HTML5, CSS3, C#, Python, SQL
Frameworks: React, Angular, Nest.js, Next.js
Tools: Node.js, Git, Docker, Webpack, Babel, Jest, Cypress
Concepts: Responsive Design, Performance, Accessibility, REST/GraphQL, PWAs, CI/CD, Testing

EXPERIENCE

System Group, Tehran, Iran   (2021–Present)
Senior Front-End Engineer

- Built 50+ web pages and reusable components using Angular and TypeScript. Used RxJS, Chart.js, and AG Grid to make the user experience better and data easier to see.
- Updated key modules with modern design ideas and moved an old web module to a new microservices system, making user onboarding 20% faster and increasing customer satisfaction.
- Established strict coding standards, thorough code reviews, and design patterns (SOLID, DRY), improving maintainability and reducing production defects.
- Redesigned a major customer portal using React and Redux, which increased user engagement by 25% and cut load times by 40%.
- Developed shared libraries with TypeScript and Angular, and core UI modules for a micro frontend setup. This improved design consistency, sped up team development, and removed over 2,000+ lines of duplicate code.
- Mentored junior developers to support continuous learning and improve overall code quality.

Nebig, Mazandaran, Iran   (2019–2021)
Software Engineer, Front End

- Led the development of a PWA using React and JavaScript, collaborating with a team of 5 developers to deliver a responsive, cross-platform application.
- Developed backend using Node.js, collaborating with other teams to design RESTful and GraphQL APIs, improving response times and API contract clarity by 25%.
- Applied Test-Driven Development (TDD), which resulted in a 30% decrease in production bugs, improving product stability and accelerating release cycles.
- Designed a book rating algorithm, improving the accuracy of user-generated scores by 20%.

PROJECTS

People ATS - HR & Talent Acquisition System (2024)
Engineered an applicant tracking system using React/TypeScript frontend and NestJS/Prisma backend, implementing modern UI/UX principles with Material UI and TailwindCSS. Created data visualization dashboards for HR metrics using Recharts and integrated real-time communication with WebSockets. Implemented GraphQL and RESTful API architecture for efficient data fetching with strong TypeScript typing for code quality and maintainability.

Alpha PWA – Cryptocurrency Wallet (2023)
Built a Progressive Web App using Angular to manage cryptocurrency wallets. Implemented PrimeNG and Angular Material. Used service workers and push notifications to support offline use. Developed a Django REST Framework backend with PostgreSQL and documented APIs using Swagger.

EDUCATION

B.Sc. in Computer Science
University of Science and Technology of Mazandaran

CERTIFICATIONS

ICPC Asia Tehran Regional Contest, 19th Place – May 2023