

Mehrshad Baqerzadegan

FRONTEND ENGINEER

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Summary

Frontend Engineer with over 5 years of experience designing and developing large-scale web applications including a critical ERP module used by 85,000+ clients. Specializing in building efficient and scalable frontend architectures using Next.js, React, and Angular. Strong background in hands-on coding, mentoring junior developers, and collaborating with teams to achieve business goals. Skilled at managing tight deadlines and delivering high-quality code under pressure, with a solid track record of working in Agile and Scrum teams. Open to working with different stacks and frameworks.

Skills

Programming:	JavaScript(ES6), TypeScript, HTML5/CSS3, Python, C#
Frameworks/Libraries:	React, Next.js, Angular, Vue.js, RxJS, Angular Material, Tailwind, Bootstrap, Redux, Styled Components, Axios, Material-UI, Django, Django REST, .Net
Testing Tools:	Jest, Karma, Cypress, Selenium, React Testing Library, Enzyme
Tools and Platforms:	Git, Docker, Webpack, Jenkins, GitLab CI/CD, Chart.js, AG Grid, Firebase, Yarn, NPM, JSON, RESTful APIs
Databases:	MySQL, PostgreSQL, SQLite, MongoDB, Django ORM, LINQ, Prisma, SQLAlchemy
Methodologies:	Agile, Scrum, Kanban, Test-Driven Development (TDD), Continuous Integration/Continuous Deployment (CI/CD)

Work Experience

Senior Frontend Engineer

Tehran, Iran

System Group (Full-Time)

(3 yrs 4 mos) Jun 2021 - Present

- Developed over 50 web pages and components using Angular and TypeScript, improving user experience with tools like RxJS, Chart.js, and AG Grid.
- Worked with design and product teams to migrate a legacy web module to a microservices architecture using Angular and RESTful APIs, resulting in a 30% improvement in user experience.
- Created reusable components, increasing development speed by 20% and noticeable reduction in bugs and errors.
- Built libraries in TypeScript, removing over 1,000 lines of duplicate code, which reduced development time and errors.
- Achieved an 85% success rate for delivering tasks on time and within budget.
- Improved front-end performance using techniques like lazy loading and code splitting, reducing load times by 30%.
- Mentored 3 junior developers, leading to a 50% improvement in their code quality and productivity.
- Wrote unit tests with Jest for an ERP module's front-end, increasing test coverage by 20%.

Frontend Developer

Tehran, Iran

Nebig (Full-Time)

(1 yr 9 mos) Oct 2019 - Jun 2021

- Led the development of a PWA using React and JavaScript, collaborating with a team of 5 developers to deliver a responsive, cross-platform application.
- Implemented CI/CD pipelines with GitLab CI/CD and Jenkins, speeding up deployment by 25% and ensuring reliable releases with Docker.
- 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%.

Education

University of Science and Technology of Mazandaran (Part-Time)

Mazandaran, Iran

Bachelor in Computer Science

Projects

Cryptocurrency Wallet (PWA)

Tehran, Iran

Alpha

- Created a cryptocurrency wallet as a Progressive Web App (PWA) using Angular, focusing on user interface components with PrimeNG and Angular Material to improve mobile usability.
- Implemented secure communication between the client and server using Django REST Framework, ensuring consistent operation online and offline.
- Used service workers and push notifications to maintain offline functionality.

Achievements

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

International