

SAEED LOTFI

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FRONT-END ENGINEER

Highly detail-oriented Front-End Engineer with over 7 years of experience across finance, logistics, education, travel, and consulting industries. Deep expertise in modern web technologies, including React, JavaScript, TypeScript, and CSS, focusing on responsive, user-friendly interfaces and performance optimization. Skilled in Agile and Scrum, collaborating with cross-functional teams to deliver seamless user experiences. Passionate about aligning technical precision with user needs to create intuitive and effective solutions.

- Functional Programming (FP) • Problem Solving • Performance Optimization • Micro-Frontend Architecture
- Data Structures and Algorithms • Web Technologies and Frameworks • Test-Driven Development (TDD)

Languages: JavaScript, TypeScript

Web: React, HTML, HTML5, CSS, SCSS, SASS, Tailwind CSS, Bootstrap

Web Services: REST API, SOAP, GraphQL, gRPC, API Gateway, OAuth 2.0, WebSockets, JWT, CORS

Frameworks: Next.js, Express.js, Nest.js

Databases: MongoDB, MS SQL

Design Patterns: GoF Patterns and React-Specific Patterns

SDLC: Agile Model, Waterfall Model, Scrum, Kanban, Spiral Model

Tools: Visual Studio Code, Git, GitHub, Docker, NPM, Jest and React Testing Library, Babel, ESLint, Prettier, Webpack, Vite, Cypress

Platforms: Linux, MacOS

PROFESSIONAL EXPERIENCE

CAREER NOTE: Completed on-campus studies and currently taking distance education courses to complete a **Master's Degree in Computer Science** (Available for full-time, W-2 employment).

MOFID SECURITIES, Tehran, Iran • 10/2022 – 08/2024

A pioneering financial service provider in the Iranian capital market.

Senior Front-end Engineer

Implemented high-performance, responsive web applications and optimized their performance.

- Implemented an improved frontend design system using Next.js and Tailwind CSS, resulting in a 76% improvement in the performance of the system, reducing loading times.
- Modularized the existing React codebase, introducing reusable front-end components and dynamically mountable UI elements, reducing development time while ensuring scalability and maintainability.
- Integrated data from over 20 funds using express.js, leading to a 500% increase in fund page views and significantly reducing support calls.
- Improved code quality and lowered production errors by increasing legacy component test coverage using Jest, React Testing Library, and Cypress.
- Developed a Progressive Web App (PWA) for the trading system using nextjs, which significantly improved load times by maximizing caching and resource management.
- Optimized server performance for trading system reports by offloading computationally expensive tasks to the client-side, reducing server-side processing overhead and lowering operational costs by 45%.

Technologies Used: JavaScript, TypeScript, React, Next.js, Express.js, Tailwind CSS.

SIMYA TECH, Tehran, Iran • 04/2019 – 09/2022

IT services and IT consulting company.

Senior Frontend Developer

Defined the frontend architecture, set coding standards, and optimized web applications for speed and scalability.

- Enhanced application performance and uptime by implementing lazy loading, component optimization, and security best practices, improving security audit scores through rigorous vulnerability mitigation.
- Optimized high-traffic HRM pages, achieving a 50% reduction in load times, leading to increased user engagement and a significant drop in bounce rates.
- Increased unit test coverage from 12% to 45% using Jest and React Testing Library, automating manual testing processes and significantly reducing HR department staffing costs.
- Developed a dynamic form-building service that enables efficient data collection, actionable insights, and data-driven decision-making for business processes.
- Designed and implemented a statistical data aggregation system with React, Express.js, and MongoDB, improving agricultural trend prediction accuracy.

Technologies Used: JavaScript, TypeScript, React, Redux, Cypress, Jest, React Testing Library, ExpressJS, MongoDB.

QUANTUM IT, Melbourne, Australia • 09/2018 – 03/2019

A globally established IT consulting and software enterprise, offering specialized cloud-based software applications.

Fullstack Developer (Remote)

Create responsive, intuitive, and engaging user interfaces using Angular and build robust server-side logic.

- Optimized database performance by refining queries and indexing strategies, leading to faster data retrieval and a more responsive application.
- Standardized UI design across multiple applications by implementing a consistent design system, reducing development time and improving user experience.
- Increased test coverage to over 80% using Jasmine, enhancing release stability, reducing production bugs, and ensuring higher product quality.

Technologies Used: JavaScript, TypeScript, Angular, C#, .NET Core, SQL Server, Cypress, Jasmine, Lodash, RxJS.

SPEEDDELIV, Tehran, Iran • 01/2017 – 08/2018

Speed is a third-party logistics service provider.

Fullstack Developer

Implement a B2B and C2C panel so that customers can track their parcel deliveries.

- Designed and launched a B2B platform with Angular and .NET Core, shifting the business model from C2C to B2B, driving 90% of revenue and boosting earnings by 50%.
- Developed modular, reusable code libraries in TypeScript and C#, leveraging Lodash and EF Core to enhance code maintainability and scalability, resulting in reduced long-term maintenance costs.
- Engineered advanced route optimization algorithms in C# and .NET Core with SQL Server, cutting parcel delivery times by 25% and enhancing logistics efficiency.
- Modernized a legacy system by migrating to Angular and TypeScript, improving application performance, scalability, and user experience, resulting in higher customer satisfaction scores and a more responsive interface.
- Increased test coverage to over 80% using Jasmine, ensuring higher code reliability and reducing production bugs, leading to a more stable release process and improved product quality.

Technologies Used: JavaScript, TypeScript, Angular, C#, .NET Core, SQL Server, Jasmine, Lodash, EF Core.

HIHOLIDAY, Tehran, Iran • 07/2013 – 12/2016

A website that tracks flights 'seats mainly for travel agencies.

Fullstack Developer

Develop and integrate with airlines and external data providers to fetch real-time flight information and seat availability.

- Optimized SQL Server database queries, reducing query execution time from 2.5 seconds to 1.5 seconds, significantly improving system responsiveness and user experience.
- Developed and integrated a pre-filling mechanism with JavaScript, jQuery, Mustache, and Handlebars, improving form usability and boosting booking conversions.
- Implemented real-time data synchronization in .NET MVC with SQL Server, reducing data collection and processing time, ensuring users receive near-instant updates, and improving overall system efficiency.

Technologies Used: Team Foundation Server, JavaScript, jQuery, mustache, handlebars, C#, .NET MVC, SQL Server.

ACADEMIC PROJECTS**Maharishi International University (2025)**

Renting System: This platform helps landlords list properties and renters search for and apply for rental homes. It offers services for buying, selling, and renting properties. The system was developed with React and Spring Boot.

EDUCATION**Master of Science in Computer Science**

(In progress via distance education; expected completion 08/2026)

Maharishi International University, Fairfield, Iowa

Key Courses: Enterprise Architecture, Algorithms, Web Application Programming, Web Application Architecture

Bachelor of Science in Computer Science

Kashan University, Kashan, Iran (09/2013)

CERTIFICATES

Automation with Ansible, Fanavaran Anisa - Iran Linux House (02/2021)

DevOps Engineer – Docker, Fanavaran Anisa - Iran Linux House (08/2020)

Linux Network Professional (LPIC-2), Fanavaran Anisa - Iran Linux House (01/2020)

Linux Server Professional (LPIC-1), Fanavaran Anisa - Iran Linux House (10/2019)