

Aravind Mothe

Senior Frontend Engineer

✉ aravind.mothe18@gmail.com 📍 Hyderabad, India ☎ [+91-7893068178](tel:+91-7893068178) 🔗 [LinkedIn](#)

Summary

Results-driven Senior Frontend Engineer with 2+ years of experience architecting and deploying enterprise-grade web applications using React and Angular. Proven ability to reduce feature delivery timelines by 25% through component-driven architecture and improve cross-browser performance by 30%. Expertise in state management (NgRx, Redux), API integration, and CI/CD pipelines. Eager to leverage strong UI development and mentoring skills to lead scalable frontend solutions and enhance user experiences at Wizeline.

Work Experience

System Engineer – Front End Developer, Tata Consultancy Services (TCS), Chennai, India
03/2022 – Present

- Engineered and deployed enterprise-grade web applications utilizing Angular and React, implementing a component-driven architecture with reusable UI modules that reduced feature delivery timelines by 25%.
- Constructed responsive, dynamic, and accessible user interfaces with modern front-end tooling, achieving a 30% enhancement in cross-browser performance.
- Executed the migration of legacy AngularJS modules to modern Angular and React frameworks, substantially improving application maintainability, scalability, and overall performance.
- Integrated RESTful APIs with advanced state management solutions including RxJS, NgRx, and Redux, thereby streamlining data flow and bolstering application stability.
- Applied lazy loading, code splitting, and on-demand rendering techniques to optimize initial load times and enhance frontend performance.
- Collaborated with backend development teams to refine API contracts, resulting in an 18% reduction in response handling latency for complex data visualizations.
- Developed comprehensive unit and integration test suites using Jasmine, Karma, Jest, and React Testing Library, maintaining an average code coverage exceeding 85%.
- Contributed actively to CI/CD pipelines utilizing GitHub Actions and Azure DevOps, ensuring efficient and reliable deployment processes.
- Mentored junior developers on TypeScript best practices, coding standards, and architectural principles, enhancing overall team expertise.
- Partnered with UI/UX designers to realize pixel-perfect, user-centric interfaces, elevating overall UX satisfaction by 20%.
- Automated build and deployment pipelines for front-end modules, decreasing manual release efforts by 30%.
- Improved error handling and monitoring capabilities through Sentry integration and custom interceptors, leading to a 40% increase in defect traceability.

Education

Guru Nanak institutions of technical campus, Bachelor of Technology (B.Tech), Electronics & Communication Engineering, Hyderabad, India

08/2017 – 05/2021

- CGPA: 7.5

SR Junior College, Intermediate (MPC), Mathematics, Physics and Chemistry, Karimnagar, India

07/2015 – 05/2017

- Percentage:95%

Skills

JavaScript (ES6+)

TypeScript

HTML5

CSS3

SCSS

Angular (8–17)

React (Hooks, Context API)

RxJS

NgRx

Redux

Redux Toolkit

React Query

React Router

Bootstrap

Material UI

Tailwind CSS

PrimeNG

Jasmine

Karma

Jest

React Testing Library

Cypress (E2E Testing)

Unit & Integration Testing

RESTful APIs

GraphQL (Basic)

API Documentation (Swagger/OpenAPI)

Node.js

Axios

Fetch API

Async/Await

JSON Handling

Jira

Postman

VS Code

Agile/Scrum methodologies

Certificates

Microsoft Certified: Azure Fundamentals (AZ-900), Microsoft

01/2023

Google Cloud Certified: Associate Cloud Engineer (GCP), Google

01/2023