# Rohith E

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GitHub LinkedIn

I am a frontend developer with 2+ years of experience building responsive web applications using React, Angular, TypeScript, and modern JavaScript. I have worked with React Router, Hooks, Context API/Redux, Axios, Jest, and CI/CD pipelines with Docker, focusing on reusable components, REST API integration, performance, and scalable, component-driven architecture.

## Employment History

**Software Engineer I** • Terralogic Software Solutions                          **02/2023 – 07/2025**

- Built responsive, high-performance web UIs using Angular (v12+) with RxJS, NgRx, and Angular Material, improving initial load time by ~20% and optimizing lazy loading for better UX across telecom and e-learning platforms.
- Designed and implemented a Node Management Module (add, delete, edit, bulk edit) with Reactive Forms and REST API integration, reducing NOC team manual effort by ~35% through streamlined bulk operations and validations.
- Adopted a component-based, modular front-end architecture (smart/dumb components, shared modules, custom pipes) to improve scalability, reusability, and maintainability of complex UI flows.
- Optimized critical workflows by implementing caching, debouncing, and route guards, improving client-side performance, data integrity, and security for authenticated user flows.
- Developed a full-fledged Learning Management System (LMS) front end using React (Hooks, Context API/Redux, React Router) and role-based access control (RBAC) with JWT authentication, enabling 1,000+ users to browse, enroll, and track learning progress in real time.
- Implemented reusable React UI components and dashboards, and optimized API consumption using Axios/fetch, code-splitting, and lazy loading to enhance performance and responsiveness of the in-house product.
- Integrated RESTful APIs and microservices across Angular and React applications, using tools like Postman and Swagger for API testing and validation to ensure robust contracts and smooth front-end/back-end integration.
- Wrote unit and integration tests using Jasmine, Karma, Jest, and Supertest, maintaining high test coverage and reducing regressions during CI/CD releases.
- Automated CI/CD pipelines using GitLab CI/CD and Docker for linting, testing, build optimization, and deployment, improving delivery speed and reliability for front-end releases.
- Used Git (GitFlow, feature branching) and peer code reviews to maintain clean version control history and uphold front-end coding standards.
- Collaborated in an agile environment with Jira to manage sprints, track bugs, and coordinate with backend teams, contributing to the successful launch of the company's first in-house product using React, Node.js (Express), and PostgreSQL, which helped generate new business opportunities and follow-up client projects.

## Education

**BE - Computer Science and Engineering**, Visveswaraya Technological University          **06/2019 – 07/2023**

## Skills

- React
- TypeScript
- JavaScript (ES6+)
- React Hooks

- React Router
- Redux / Context API
- Axios
- REST APIs

- Frontend development
- Responsive UI design
- Component-driven architecture
- Unit & integration testing

- Jest
- Docker
- Git
- CI/CD pipelines

## Languages

English , Kannada (native), Hindi