

Sreeharinaidu Rangani

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SUMMARY

Full Stack Engineer with 4 years of experience designing and delivering scalable web applications using **React.js**, **Node.js**, and **MongoDB**. Skilled in building RESTful and **GraphQL** APIs, implementing real-time communication with **WebSockets**, and securing systems with JWT-based authentication. Experienced in **Redis** and BullMQ for message queues and background jobs, with strong knowledge of **AWS**, **Docker**, and Kubernetes for cloud-native deployments.

WORK EXPERIENCE

Full Stack Developer, 6D Technologies

Nov 2021 - Aug 2023

- Designed and developed scalable system architectures and UIs with React.js, Javascript for telecom platforms.
- Implemented real-time dashboards with WebSockets and Socket.io + Chart.js for telecom user and network monitoring.
- Translated Adobe XD designs into responsive layouts with Material UI and CSS, reducing UI bugs by 40%.
- Implemented state management with Redux Toolkit and React Router v6 to streamline complex UI workflows.
- Built DMS GraphQL APIs on Node.js using Express.js middleware and MongoDB for scalable backend services.
- Produced event-driven emitter jobs and background tasks with BullMQ and Redis cache for message queuing
- Built Docker and GitLab CI/CD pipelines, deploying and testing microservices on Kubernetes for reliable delivery.

Software Engineer, Cognizant Technology Solutions

Apr 2020 - Nov 2021

- Developed responsive UIs with React.js, Next.js and TypeScript for insurance client, ensuring ADA compliance.
- Built React custom hooks and modular components for a 10+ module ServiceNow portal, accelerating UI delivery.
- Maintained Jest and Cypress tests for frontend workflows, boosting coverage 35% and reducing regressions.
- Engineered REST APIs with Node.js and Express.js, integrating Keycloak authentication, tested endpoints in Postman.
- Deployed application on AWS EC2 instances and integrated S3 storage for static assets and customer data backups.
- Collaborated in Agile activities, sprint planning/meeting, and demos, communicating with product and technical teams.

MTS1 Intern, Groundhog Apps

Jan 2019 - Sep 2019

- Assisted in developing React.js applications by building reusable components and implementing hooks for state.
- Optimized JavaScript workflows using Promises and async/await, and lazy loading to cut response load times by ~30%.
- Built a React infinite scroll pagination component to optimize performance and user experience in dashboard page.
- Contributed to improving UI/UX through responsive design, performance optimization, and API integrations.

PROJECTS

Emotionsense AI

- Built a full-stack application using React.js, Redux, Node.js, Express.js, MongoDB with JWT and role-based access.
- Developed features for book search, borrow/return workflows, and admin inventory with responsive Material UI interface.

TAOVIX (TA Management System)

- Developed role-based frontend interfaces for TA workflows using React.js and Next.js across four user roles.
- Built secure RESTful APIs with Node.js, Express, and MongoDB using JWT to manage role-based access

SKILLS

Languages: JavaScript (ES6+), TypeScript, Python, Java, JSON, jQuery, HTML5, CSS3

Frameworks: React.js, Node.js, Express.js, Next.js, Redux, React Router, NODE-RED, Material UI, Angular, GraphQL

Tools & Platforms: Docker, Kubernetes, Kafka, AWS (EC2, S3), GitLab CI/CD, Babel, Npm, VS Code, Jira, Axios, BullMQ

Databases & Testing/Monitoring: MongoDB, Redis, SQL, Cypress, Jest, Dynatrace,

Others: Agile, Scrum, Data structures and Algorithms

CERTIFICATIONS

- JavaScript Foundations Professional Certificate by Mozilla
- Frontend Developer (React) Certificate by Hacker Rank
- AWS Certified – Cloud Practitioner

EDUCATION

Florida Atlantic University, Boca Raton, FL

Master of Science, Computer Science

Aug 2023 – May 2025