

MOURYA VAMSI MODUGULA

FULL STACK DEVELOPER

CONTACT

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PROFILE

Experienced Full-Stack Software Engineer with 4+ years of expertise in ReactJS, NodeJS, GraphQL, and TypeScript, specializing in enterprise-level application development. Proficient in NestJS, Apollo Federation, Docker, Kafka, and event-driven architectures. Adept at leading projects, collaborating with cross-functional teams, and implementing scalable solutions in Agile environments.

SKILLS

- ReactJS (Redux , Mobx,)
TypeScript
Next.js
NodeJS
GraphQL
PostgreSQL
MongoDB
AWS services (I AM , Lambda)

WORK EXPERIENCE

Full Stack developer

Eficens Systems

Dec 2022 – Present

Description:

Snoops is a real-time security and threat monitoring platform designed to help organizations detect, analyze, and respond to cybersecurity threats efficiently. It provides deep visibility into security events, system vulnerabilities, and suspicious activities through an intuitive and interactive dashboard.

Frontend Development (React, Next.js, TypeScript)

- Developed an intuitive and responsive UI using React and Next.js, ensuring a seamless user experience.
- Built reusable, high-performance UI components with Elastic UI (EUI) for dashboards, tables, and alert notifications.
- Integrated GraphQL APIs using Apollo Client, optimizing data fetching and state management.
- Implemented real-time alert visualization using Chart.js and Elastic Charts, allowing security teams to monitor threats dynamically.
- Enhanced authentication and user management by integrating JWT-based authentication and Role-Based Access Control (RBAC).

Backend Development (Node.js, NestJS, GraphQL)

- Developed and optimized GraphQL APIs using NestJS and Apollo Federation, ensuring efficient data retrieval and scalability.
- Integrated WebSockets and GraphQL Subscriptions to enable real-time security event monitoring and notifications.
- Collaborated with backend engineers to structure microservices for improved performance and modularity.

Performance & Optimization

- Optimized frontend performance by implementing lazy loading, server-side rendering (SSR) with Next.js, and caching strategies.
- Improved backend response times by optimizing database queries in PostgreSQL and MongoDB.

Collaboration & Agile Development

- Worked closely with security analysts and backend teams to define and implement key security monitoring features.
- Participated in Agile sprints, handling feature development, bug fixes, and UI/UX improvements.
- Conducted code reviews and collaborated with the DevOps team to ensure smooth deployments and monitoring.

EDUCATION

BE

NEFTU	2016 - 2019
BSE (COM)	8.43 CGPA

INTERMEDIATE

Sri Chaitanya	2014 - 2016
MPC	75.6
SSC	

Hindu High School	2004 - 2014
STATE BOARD AP	8.4 GPA

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WORK EXPERIENCE

FRONT END DEVELOPER

Atmecs Technologies

May 2021 – DEC 2022

Air Bnb

Airbnb is a global online marketplace that connects people who want to rent out their homes with those looking for accommodations. Founded in 2008, Airbnb enables travelers to find unique stays – from apartments and villas to treehouses and castles – while allowing hosts to earn income by renting out their spaces.

ROLES & RESPONSIBILITIES

Frontend Development (React, TypeScript, MUI)

- Handle escalations from L1 support by diagnosing and resolving UI/UX or front-end application issues.
- Debug JavaScript, TypeScript, HTML, and CSS errors using browser developer tools and logs.
- Identify API integration issues, frontend crashes, layout problems, and rendering inconsistencies.
- Analyze network requests, API responses, and console errors to pinpoint problems.
- Collaborate with back-end or API teams when issues extend beyond front-end **scope**.

Acertus

ACERTUS is a technology-driven logistics platform specializing in vehicle lifecycle management, providing end-to-end solutions for automotive logistics, title & registration, and compliance services. The platform enables automotive dealers, fleet managers, and manufacturers to transport, title, and deliver vehicles efficiently across the United States.

The project focuses on creating a centralized web application that allows users to manage vehicle movements, track deliveries in real-time, and automate operational workflows – enhancing speed, transparency, and customer satisfaction.

ROLES & RESPONSIBILITIES

- Developed and maintained React-based front-end with reusable and modular components using Elastic UI.
- Provided L2 application support, analyzing front-end defects, UI bugs, and API integration issues.
- Collaborated with backend teams to resolve GraphQL and REST API-related issues.
- Implemented real-time dashboards using Chart.js and EUI components for logistics tracking.
- Worked on performance optimization and responsive UI design across multiple browsers.
- Handled incident management, bug triaging, and production monitoring using Kibana logs and Sentry.
- Created technical documentation and SOPs for recurring UI issues and workflows.
- Participated in sprint reviews and release validations to ensure smooth production rollouts.

ACHIEVEMENTS

- Improved front-end issue resolution time by 30% through faster debugging and RCA documentation.
- Enhanced page performance by reducing load time via code splitting and lazy loading.
- Helped streamline release testing and deployment validation processes.
- Boosted customer satisfaction by ensuring error-free UI performance in production environments.

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WORK EXPERIENCE

FRONT END DEVELOPER

Predifast Technologies

FEB 2019 – APR 2021

Apple Bee

At Predifast Technologies, I worked on Apple Bee, a comprehensive school management software designed to streamline administrative tasks, enhance student-teacher communication, and improve overall school operations. The platform provided modules for student enrollment, attendance tracking, timetable management, fee payments, report generation, and parent-teacher communication.

ROLES & RESPONSIBILITIES

Frontend Development (React, TypeScript, MUI)

- Developed a modern, responsive UI using React and TypeScript, ensuring smooth user interactions across different roles (admins, teachers, students, and parents).
- Built modular and reusable UI components with Material-UI (MUI) to maintain design consistency and improve performance.
- Implemented real-time student attendance tracking and live timetable updates using efficient API calls.
- Enhanced accessibility and responsiveness to support usage across mobile, tablet, and desktop devices.

Database & API Integration (MySQL, REST, GraphQL)

- Integrated MySQL-based databases to efficiently manage large-scale student and school records.
- Optimized API requests for student report generation, fee management, and academic performance tracking.
- Implemented secure authentication and authorization to protect student and teacher data.

Collaboration & Agile Development

- Worked closely with school administrators and educators to define key features and optimize workflows.
- Participated in Agile sprints, handling UI enhancements, bug fixes, and new feature developments.
- Conducted code reviews and provided mentorship to junior developers, ensuring best coding practices.