GANTA INDRA REDDY

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SUMMARY

React Developer with over **3 plus years of experience** building **scalable, high-performance** web applications using **JavaScript**, **React**, **TypeScript**, and **Node.js**. Expertise in developing **reusable component libraries**, **UI frameworks**, and enterprise tools that improve maintainability and user experience. Proven track record of **performance optimization**, **secure real-time system** implementation, and enhancing application responsiveness. Skilled in front-end development with React, Storybook, Sass, and GrapeJS, alongside back-end technologies including Express and MySQL. Experienced in **unit testing with Jest**, module bundling using Rollup, and package management via npm and Yarn. Familiar with **SonarQube and FOSSA** for quality and security compliance. Awarded the **Green Horn Award** and recognized for innovation in hackathons. Strong collaborator in **Agile environments**.

TECHNICAL SKILLS

Programming Languages	JavaScript, TypeScript, HTML, CSS
Frontend	React, Redux, Bootstrap, Material UI, Tailwind CSS
Backend	C Sharp, .Net, .NetCore, NodeJS, Express
Database	MS SQL Server, MongoDB
Tools	Git, GitLab, SonarQube, Fossa

WORK EXPERIENCE

Ramco Systems   January 2022 - Present
Software Engineer-I - Corporate R&D Team   *Chennai, TamilNadu*

Key Responsibilities and Projects

- **Engineered scalable front-end solutions** using **React, TypeScript**, and custom **component libraries** to streamline development across multiple enterprise applications, improving consistency and development efficiency by over **30%**
- **Improved application quality and security compliance** by integrating **SonarQube** and **FOSSA** for automated vulnerability detection, resolving 100% of flagged issues through meticulous **dependency management with npm and Yarn.**
- **Collaborated in Agile sprints** to ship features across projects like **Payce-Pride** and **Template UI Designer**, where responsibilities included **full-stack development, SQL integrations**, and **designing secure, real-time editors** for enterprise users.
- Contributed to the development of new features for the internal **RVW** tool used for managing company-wide resources.

PROFESSIONAL PROJECTS

Software Engineer -I - Ramco Systems - Chennai, Tamil Nādu.

Project Title : Nebula Component Library
Client : Internal Tooling Team
Duration : Jan 2023 – Present

Description:
A modular and reusable React component library for enterprise use. Features UI builders like Rule Builder and Formula Builder. Optimized for performance, accessibility, and reusability, integrated with automated testing and security scanning tools.

Roles & Responsibilities:

- Developed and documented 15+ reusable components using React, Storybook, and TypeScript.
- Optimized Rule Builder for large data, reducing load time by 66%.
- Integrated SonarQube and FOSSA for vulnerability detection and compliance.

Technologies: React, TypeScript, Storybook, Jest, Rollup, SonarQube, FOSSA

Software Engineer -I - Ramco Systems -Chennai, Tamil Nādu.

Project Title : Payce - Pride
Client : Ramco SBUs
Duration : Oct 2024 – Present

Description:
An integrated platform for managing software resources including License Manager and SQL Query Editor. Provides features like secure license tracking and metadata-driven SQL request handling with role-based interfaces.

Roles & Responsibilities:

* Built SQL Query Editor with request metadata and secure submission flow in React.
* Developed License Manager System for license lifecycle management and audit-ready reporting.
* Designed responsive admin and support UI using Sass and modular components.

Technologies: C Sharp, .Net, .NetCore React, TypeScript, MySQL, SQL, Sass

Software Engineer -I - Ramco Systems -Chennai, Tamil Nādu.

Project Title : Template UI Designer
Client : Ramco SBUs
Duration : Nov 2023 – July 2024

Description:
A dynamic UI design platform built with GrapesJS, React, and TypeScript for creating, editing, and managing templates. It features drag-and-drop components, template gallery integration with SQL backend, and an intuitive real-time design experience.

Roles & Responsibilities:

* Developed a responsive and interactive template design interface using React and GrapesJS.
* Built a Template Gallery integrated with SQL Server to manage user templates.
* Implemented drag-and-drop functionality to streamline user interactions.

Technologies: C Sharp, .Net, .NetCore, React, TypeScript, GrapeJS, Express, MS SQL Server

EDUCATION

Amrita School of Engineering, Bangalore	**CGPA : 6.25**
B.Tech (Electronics and Communication Engineering)	*July, 2018 – July, 2022*
Sri Chaitanya Junior college, Andhra Pradesh	**Percentage : 94.5%**
M.P.C (Mathematics, Physics, and Chemistry)	*June, 2016 – April, 2018*
Sri Chaitanya Techno School, Andhra Pradesh	**CGPA : 8.8**
SSC (Board of Secondary Education)	*April, 2016*