

GANTA INDRA REDDY

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EDUCATION

Amrita School of Engineering, Bangalore

Karnataka, India

B.Tech (Electronics and Communication Engineering)

July, 2018 – July, 2022

Skills: HTML, CSS, JavaScript, Typescript, React, Redux, Bootstrap, Material UI, Tailwind CSS, NodeJS, Express, MS SQL Server, MongoDB, Firebase, Git, Git Lab, CI/CD

WORK EXPERIENCE

Ramco Systems

July 2022 - Present

Software Engineer-I - Corporate R&D Team

Chennai, TamilNadu

Key Responsibilities and Projects

- Developed and optimized high-performance web applications with React, Typescript, and various integrations, streamlining workflows and enhancing functionality across multiple projects.
- Created clear technical documentation for application setup, deployment, and usage, leading to a **40%** reduction in support requests and a 20% increase in user satisfaction.

Ramco Systems

January 2022 - July 2022

Intern - Project Trainee

Chennai, TamilNadu

Key Responsibilities

- Contributed to the development of new features for the internal **RVW** tool used for managing company-wide resources.
- Participated in code reviews and bug fixing in a collaborative Agile development environment.

PROJECTS

Nebula Component Library | *React, Typescript, Storybook, Jest, Roll-up*

January, 2023 - Present

- Improved the overall performance of **Rule Builder** by optimizing for high-volume scenarios, leading to a **66%** reduction in load times. This enhancement was especially effective in processing nearly **1,000,000** lines of **JSON** data.
- Developed, tested, and documented a comprehensive component library comprising **15+** components, including key tools such as the **No-Code Rule Builder and Formula Builder**.
- Conducted thorough vulnerability and bug-free testing using SonarQube and FOSSA, successfully resolving **100%** of the issues by carefully updating package versions via npm and Yarn.

Payce - Pride | *React, Typescript, MySQL, SQL, Sass*

October, 2024 – Present

- Built a unified platform combining license management and SQL query execution, enabling secure allocation, tracking, and real-time querying of software resources.
- Developed advanced features such as license expiration tracking, renewal notifications, and audit-ready reporting to streamline IT operations.
- Designed a secure, role-based SQL editor with real-time validation, syntax highlighting, and seamless integration with Payce Runtime.
- Created a responsive UI with Sass and modular components, enhancing performance, accessibility, and user experience across admin and support roles.

Template UI Designer | *React, Typescript, GrapeJs , Express*

November, 2023 - July, 2024

- Developed a highly responsive and visually appealing UI design application deployed using **React, Typescript and GrapesJS**, designed to be intuitive and user-friendly.
- Built a Template Gallery and integrated it with a Template Designer that allows users to save, view, and access templates saved in the MS SQL server
- Used the **GrapesJS** framework to implement drag-and-drop functionality, which improved the user experience and made it more intuitive.

AWARDS

- Honored with the **Green Horn** Award for attention to detail, initiative, and React User Interface contributions.
- Achieved **2nd** place in Ramco Systems' Hackzone (August 2022) by creating a low-code platform prototype with **React, Typescript, MUI, and GrapesJS**.