

# GANTA INDRA REDDY

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## EDUCATION

**Amrita School of Engineering, Bangalore**

July 2018 – July 2022

B.Tech in Electronics and Communication Engineering

## TECHNICAL SKILLS

**Programming Languages**

HTML, CSS, JavaScript, Typescript

**Frontend**

React, Redux, Bootstrap, Material UI, Tailwind CSS

**Backend**

NodeJS, Express

**Database**

MS SQL Server, MongoDB, Firebase

**Tools**

Git, GitLab, CI/CD

## WORK EXPERIENCE

**Software Engineer-I, Corporate R&D Team**

July 2022 – Present

*Ramco Systems, Chennai*

- Developed and optimized high-performance web applications with React, Typescript, and various integrations.
- Streamlined workflows and enhanced functionality across multiple projects.
- Created technical documentation for setup and usage, reducing support requests by 40% and boosting user satisfaction by 20%.

**Intern - Project Trainee**

January 2022 – July 2022

*Ramco Systems, Chennai*

- Contributed to feature development for the internal RVW resource management tool.
- Participated in Agile-based code reviews and bug fixing.

## PROJECTS

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

Jan 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

Oct 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

Nov 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.