

GANTA INDRA REDDY

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SUMMARY

Full-stack 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	NodeJS, Express
Database	MS SQL Server, MongoDB
Tools	Git, GitLab, SonarQube, Fossa

WORK EXPERIENCE

Ramco Systems <i>Software Engineer-I - Corporate R&D Team</i>	January 2022 - Present <i>Chennai, TamilNadu</i>
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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

Nebula Component Library <i>React, Typescript, Storybook, Jest, Roll-up</i>	January, 2023 - Present
<ul style="list-style-type: none">• 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 <i>React, Typescript, MySQL, SQL, Sass</i>	October, 2024 – Present
<ul style="list-style-type: none">• Built a unified platforms like License Manager and SQL Query Editor, enabling secure allocation, tracking, and real-time querying of software resources.• Developed the License Manager System, implementing advanced features such as license creation, validation, renewal, revocation, and expiration tracking ensuring software compliance, workflow automation, and audit-ready reporting to streamline IT operations.• Designed and implemented a secure SQL request creation interface using React, enabling support engineers to submit query requests with metadata, resulting in a 40% reduction in request initiation time and improved SLA adherence• 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**.

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