

# Venkata Rohan Kambhampati

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## WORK EXPERIENCE

### Software Developer: Equinix (NodeJS, ReactJS, Tailwind CSS)

Jun '23 - Present

- Simplified the **Requisition creation** process by implementing **React**, TypeScript, and Tailwind CSS, reducing form submission errors by 20%, increasing process **efficiency by 25%**, and streamlining data submission through seamless API integration for seamless and accurate data submission.
- Leveraging **APIs** to ensure **data accuracy** and consistency between the systems, by building **10 Node.js** scripts to automate **data Reconciliation** processes during the Migration from **Oracle R12** to **Oracle Fusion**. Significantly reducing manual intervention.

## INTERNSHIPS

### Software Developer Intern: Equinix (ReactJS, Oracle Integration Cloud)

Feb '23 - Jun '23

- Created a robust Oracle Integration Cloud (OIC) integration to eliminate discrepancies in ledger postings, fully automating the process to save **24 hours** of manual effort **per month** and drastically minimise the risk of manual errors.
- Developed a DAG Visualizer using **React Flow** to preview DAGs before deployment. Generate interactive graphs, allowing users to visualize upstream and downstream task dependencies and reducing deployment errors up to **30%** by improving task validation.

### Software Developer Intern: 5th Bridge Data Technologies LLP (ReactJS, NodeJS)

Jul '22 - Aug '22

- Implemented customisable **Kendo grids** and **multi-step forms** in React, users can create and quote prices for school supply lists.
- Built APIs to retrieve quote request data from the database and enable admins to update the status of quote requests.

### Backend Developer Intern: Content Erra (NodeJS)

Jun '21 - Jul '21

- Designed an algorithm with **O(n) time complexity** to reduce **manual effort by 50%**, efficiently extracting and processing disability benefits of various entity types and displaying comprehensive summaries with corresponding page numbers.

## PROJECTS

### Stock Exchange: [Source Code](#) (React.js, Node.js, Typescript, RabbitMQ, PostgreSQL, Prisma, Docker, Nginx)

- Created a full-stack application that **simulates Real time trading** of stocks and **containerized** using Docker for efficient deployment.
- Engineered a **4 microservice** architecture using NodeJS, RabbitMQ, and PostgreSQL to efficiently manage **asynchronous order processing**, optimizing for high performance and fault tolerance and utilised Prisma ORM for database manipulation.
- Ensured **Real time** updates by integrating websockets communication, utilised **Nginx** for **Load Balancing** across **websockets** servers.

## OPEN SOURCE CONTRIBUTION

### LightDash : [PR-Link](#) (ReactJS, NodeJS, Typescript)

- Implemented frontend functionality for **auto-triggering threshold configuration modals** using threshold uuid. Reduced manual configuration steps by 30%, improving setup time and enhancing the overall user experience for configuring alerts.

### Rocket.Chat (GSOC Organization): [PR-Link](#) (ReactJS, MeteorJS, Typescript)

- Developed and raised a PR for the **Notify on Reactions** feature, enabling users to receive notifications for reactions added to their messages. Improved user engagement by an **estimated 20%** in team interactions. Collaborated closely with project maintainers.

### Cal.com : [PR-Link](#) (NextJS)

- Enhanced user experience by adding functionality to **preserve the order** of questions asked during the booking process, ensuring that confirmation emails are more intuitive and accurate.

## SKILLS

**Languages:** JavaScript, Java, Python

**Frameworks & Tools:** NodeJS, ExpressJS, ReactJS, PostgreSQL, MongoDB, Kafka, RabbitMQ, Docker, NGINX

**CS Constructs:** OOPs, Data Structures & Algorithms, DBMS, Computer Networks, Operating Systems

## ACHIEVEMENTS

- Solved **550+** coding questions in GeeksForGeeks with a overall coding score of **1812** ([Link](#))
- Solved **300+** coding questions in InterviewBit and have a global rank of **4836**

## EDUCATION

Mahindra University (Computer Science & Engineering), Hyderabad (CGPA 8.5)

Jul '19 - May '23