Venkata Rohan Kambhampati

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WORK EXPERIENCE

Software Developer: Equinix (NodeJS, ReactJS, Tailwind CSS, MySql)   **Apr '23 - Present**

- Developed a fullstack application to streamline the user reassignment process in Coupa, ensuring that pending approvals from departed employees were automatically transferred to their respective managers. Utilized **React**, **Node.js** and **MySQL** reducing **reassignment** time by **80%** and operational productivity.
- Created a requisition form using **React**, **TypeScript**, and **Tailwind CSS**, reducing form **submission errors** by **20%** and enhancing process **efficiency** by **25%** through improved UI interactions and seamless API integration for accurate data submission.
- Engineered a streamlined **work order** approval or rejection process in SAP FieldGlass using **Node.js**, integrated with **MS Teams**. Users can approve or reject directly from Teams, significantly reducing manual effort by **75%**.
- Built an integrated application with **React** and **Node.js** to automate the visualization of supplier Information from Coupa to **Oracle Fusion** Reduced manual checking time by **90%** and ensured accurate data flow by tracking incidents in **ServiceNow**.

INTERNSHIPS

Software Developer Intern: Equinix (ReactJS)   **Feb '23 - Apr '23**

- 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 in **Node.js** 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 O(n) algorithm to reduce manual effort by **50%** by summarizing disability benefits 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, NextJS, 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**