**Kodandaramudu Jammula** [ramjammula9671@gmail.com](mailto:ramjammula9671@gmail.com)

<https://www.linkedin.com/in/kodandaramudu-jammula-6b39801b5> Mob No: +1-7325937754

**Summary:**

* **Built & optimized** web applications, improving load times by 30% using React.js & Next.js**.**
* **Developed 10+ reusable UI components**, reducing development time by **40%**.
* **Enhanced performance** by optimizing API calls, reducing response times by 25%.
* **Led front-end development** for a project that served 50K+ monthly users.
* **Delivered 95% of sprints** on schedule by implementing a structured Agile methodology, facilitating cross-functional collaboration that streamlined project timelines and reduced bottlenecks during product development phases.
* **Testing & Debugging** – Proficient in Jest, React Testing Library, and debugging tools to ensure Strong applications.

**Technical Skills:**

**Web Development Skills:** React.js, Next.js, JavaScript (ES6+), TypeScript, Node, HTML5, CSS3, Tailwind CSS  
**State Management Solutions:** React Redux, Context API **Testing Frameworks:** Jest, Enzyme, React Testing Library  
**Performance Optimization Techniques:** API Optimization Techniques, Load Time Reduction Methods

**Version Control Systems:** Git, GitHub

**Projects:**

# Saint Peters University

***Project Name: Yummy Application*** *August 2024 – November 2024*

* **Designed a responsive UI**, boosting **customer engagement by 35%** through seamless browsing and ordering.
* **Implemented Context API + Redux**, optimizing state management and **reducing latency by ~1s per task**.
* **Integrated Swiggy API** for **real-time menu updates** and **live order tracking**.
* **Enhanced performance**, reducing transaction load time to **<3s** with efficient React APIs and state management.
* **Developed mobile-responsive UI** with **Tailwind CSS**, ensuring smooth navigation across devices.
* **Led usability testing**, identifying and fixing **three critical areas**, improving overall user experience.

# Vizoroz Technologies

***React Developer: I-Depot*** *April 2023 – October 2023*

Developed a **web-based container depot management system** to streamline depot operations, improving efficiency and control for operators.

* **Designed & Styled** web pages using **HTML5, CSS3, SASS, Bootstrap, and Flex** for a modern, responsive UI.
* **Built dynamic UIs** with **React.js, Redux, and NPM libraries**, optimizing performance with **React Virtual DOM**.
* **Developed reusable components** (Tree, Sideview, Table Grid), boosting development speed by **30%**.
* **Optimized UI performance** by configuring **Webpack**, reducing load time by **40%**.
* **Integrated RESTful APIs** for seamless server-client communication.
* **Ensured cross-browser compatibility**, enhancing accessibility across **major browsers (IE, Firefox, Safari, Windows)**.
* This resulted in a **faster, scalable, and maintainable** system, adding significant value to **depot operations**.

# Tata Consultancy Services (TCS)

## Software Developer: AIMS February 2021- March 2023

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* Crafted and upheld scalable React components that were utilized across diverse project applications, achieving a notable increase in application responsiveness which translated to a 25% improvement in overall user experience.
* Engaged continuously with UX/UI designers, leading discussions that yielded eight new interactive features within existing applications—directly improving task completion times for users by an average of two minutes per session.
* Engineered robust integrations of RESTful services to fetch real-time data, enhancing overall app interactivity with four new user-centric features and driving a notable uptick in session length.
* Established best practices using Redux as the core state management solution; findings revealed three root causes of previous crashes leading to improved stability and reliability within the software product line.
* Implemented rigorous testing protocols with Jest and Enzyme that resulted in identifying critical issues early; reduced software bug incidents by 40% during the initial quarter of deployment efforts.
* Leveraged advanced tools like Tailwind CSS and Sass for efficient stylesheet management; optimized development processes resulting in a decrease of style-related bugs by over 25%, leading to smoother user experiences.
* Acquired and implemented best practices in code organization, enhancing application performance by 30% through rigorous mentorship from senior developers while developing a complex feature set for high-traffic web applications.

**Education:**

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| Bachelor’s in mechanical engineering – September 2020 | Jawaharlal Nehru Technological University, Kakinada India |
| Master’s in data science | Saint peters University, NJ, USA |