

# Rahul Shanker Prasad

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## EDUCATION

**Indian Institute of Information Technology, Surat**

Jul 2017 – May 2021

*Bachelor of Technology in Computer Science, Secured an aggregate of 7.86 CGPA*

*Surat, India*

## SKILLS

- Languages & Frameworks : React.js, Vue.js, Node.js, Express.js, C++, Javascript, HTML, CSS, Python, SQL.
- Tools & Technologies: Azure Devops, Docker, Restful APIs, Marklogic, Git, Postman, Perforce.

## EXPERIENCE

**Tata Consultancy Services | System Engineer**

Aug 2021 – present

*NetApp CTL*

*Bengaluru, India*

- Examined the Vue 2 Common Test Lab App codebase and pinpointed potential issues and areas for enhancement, aiming to optimize the user interface and decrease system load time.
- Integrated JWT for user authentication, and deprecated token-based login. Updated Vue 2 dependencies and third-party libraries to the latest compatible versions for improved functionality and security.
- Migrated 5 store modules - User, Auth, Timezone, Version, and Site, from Vuex to Pinia, the newly endorsed state management tool for Vue.
- Led the team in migrating the application from Vue 2 to Vue 3 and Ensured compatibility with Vue 3 features such as the new reactivity system and Composition API.
- Achieved a 40% reduction in testing time by transitioning from Karma to Jest in Vue 3, and written unit test cases for Components, Composables, and Stores.

*Marklogic ODS*

- Redesigned Triggers to enable real-time data ingestion from Oracle GoldenGate, utilizing checksum calculations to filter out duplicated data which reduced data redundancy by 25%.
- Demonstrated a solution to the team for addressing the challenge of updating primary keys during the data ingestion process and slashed error rates by 20%.
- Implemented code to harmonize master JSON data based on specific business requirements and Created template-driven extraction process for the master JSON data, enabling seamless querying using SQL.
- Increased the effectiveness of the master data harmonization code by 60% by incorporating conditional statements to prevent redundant data harmonization tasks and enhancing overall data quality.

**Nickelfox Technologies | Intern**

Jan 2021 – Jul 2021

*NFX Hiring Portal | Node.js, React.js*

- Designed relational database architecture for Nickelfox Hiring Portal, authored documentation and developed API using Node.js, Express.js, Passport.js, JWT and MySQL.
- Collaborated with UI Design team to discuss on User Interface and developed 5 screens utilizing the functional reusable components using React.js and Bootstrap.

**Jindal Steel and Power Limited | Intern**

Jul 2020 – Aug 2020

*James ChatBot | Node.js, Express.js, Dialogflow*

- Designed and Created a Chatbot that provide the management with relevant business data through messaging apps and Google Assistant, improving the efficiency and accuracy of decision-making processes.
- Implemented NLP for data-driven decision making, providing valuable business and operational insights to management.

## ACHIEVEMENTS

- Article published on GeeksforGeeks on Integration of Express Rate Limit in node application : [view Article](#).
- Received the esteemed Best Team Award from TCS in recognition of team's outstanding performance, and remarkable contributions.
- Awarded TCS's Continuous Feedback Star Certificate, reflecting commitment to improvement and professional growth.
- Received Special Initiative Award from TCS Rabobank Leadership Team.
- Achieved a rating of 4.24 out of 5 in the TCS Annual Appraisal.