

TECHNICAL SKILLS

- **Languages:** Advance: Python, Javascript, C++ Intermediate: C Novice: Java
- **Tools:** GIT, Tailwind CSS
- **Technologies :** HTML, CSS, React JS, Node JS, SQL, MongoDB, TypeScript
- **Frameworks:** Express, Next JS

EDUCATION

Degree	Specialization	Institute	Year	CGP/%
B.Tech	Computer Science & Engineering	Pragati Engineering College, Surampalem	2022-2026	9.0
Intermediate	Physics, Chemistry, & Mathematics	Sri Chaitanya Junior College	2020-2022	63.4%
SSC CBSE	-	Ashram Public School, Kakinada	2020	90.0%

PROJECTS

- **E-commerce Website** [React Js | Express | MongoDB]
 - I have developed an **e-commerce** website using the **MERN stack**, which includes **MongoDB**, **Express.js**, **React** and **Node.js**
 - I utilized **Redux Toolkit** for global state management to ensure **efficient handling of application data**. Additionally, I implemented **React Router** to enable **seamless navigation** between different pages, thereby creating a **Single Page Application (SPA)**. For **data management**, I employed **MongoDB** along with the **Mongoose** package to facilitate **efficient database interactions**.
 - This project was developed with two distinct interfaces: **an admin interface** and a **user interface**. The complete source code is **available on my [GitHub repository](#)**
- **Chat Application** [React Js | Express | MongoDB]
 - Engineered a **real-time chat application** leveraging **Socket.io**, facilitating **instantaneous communication between users** and achieving an average response time of under one second across the platform's diverse functionalities.
 - The application includes several **advanced features**, such as the **ability to create group chats, add or remove users from groups, and various other functionalities**.
- **Technical Event Registration Website** [React Js | Node Js | MongoDB]
 - I developed a **[React-based website](#)** to **simplify the event registration process** for a **college-wide technical event**. The platform was successfully **utilized by approximately 4,000 B.Tech students across various academic years**. This website has **restructured communication flow** among departments and **cut down paperwork by 75%**. It received special recognition from the faculty for its seamless **functionality and intuitive, user-friendly design**.

WORK EXPERIENCE

- I collaborated with a team to **gain proficiency in the MERN stack**. Additionally, I shared my knowledge and **insights with several students**, helping them to better understand and **work with the technologies involved**.

ACHIEVEMENTS

I achieved a **Top 1% rank** in the **Python Basics** course offered by **NPTEL**, demonstrating my strong understanding and **proficiency in Python**

CERTIFICATIONS

- Programming in **Modern C++** [NPTEL]
- Joy Of Computing using **Python** [NPTEL]
- **Python** Basics [Hackerrank]
- **Frontend Developer** [Hackerrank]
- **Programming in C** [Infosys]

LINKS

- **GitHub:** <https://github.com/roopesh-jsp>
- **Leetcode :** <https://leetcode.com/u/roopeshrj/>
- **Hackerrank:** <https://www.hackerrank.com/profile/22A31A42G3>