BANDARI ROHAN

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SKILLS

Programming: C, C++, Python, Java, Javascript, HTML, CSS, MySQL, React, Tailwaindcss
Operating Systems: Windows, Linux
Soft Skills: Self-reliance, Crowd Management, Communication, Critical & Analytical Thinking
Creativity: Canva, Figma

EDUCATION

S.R.M Institute of Science and Technology (SRMIST) KTR   **2023 - 2027**
B. Tech in Computer Science and Engineering w/s IoT - 7.76/10 CGPA

Sri Chaitanya Jr Kalasala   **2021 - 2023**
Intermediate (TSBIE) 2023 - 77.8%

The Hyderabad Public School   **2011 - 2021**
Secondary (ICSE) 2021 - 80%

EXPERIENCE

Founders Club   **February 2025 - Present**
President

Dbug Labs   **October 2024 - Present**
Events Lead

Placfvs (Student Placement Team)   **September 2023 - April 2025**
Volunteer

PROJECTS

Expense Tracker: (Using HTML, CSS, JavaScript, SQLite, Spark API, Java)
Built a dynamic web-based Expense Tracker to manage and visualize personal finances. Developed the frontend using HTML, CSS, and JavaScript, with backend services powered by Java and Spark API. Integrated SQLite database for efficient and lightweight data storage, enabling real-time updates and financial analytics.

Task Scheduler: (Using HTML, CSS, JavaScript, SQLite, Spark API, Java)
Developed a database-driven platform to support rescue centers in managing pet adoptions. The system tracks medical and behavioral records, adoption applications, and coordinates volunteers and donations. It improves data accuracy, simplifies workflows, and fosters better engagement between rescue centers and the community.

Finance Management System: (Using TailWind, CSS, React, TypeScript, MySQL)
Built a full-stack Finance Management System for efficient tracking of income, expenses, and budgets. Designed a responsive and modern frontend using React and TailWind CSS, while backend services were integrated with a robust MySQL database to ensure secure and scalable financial data management.

AI Recipe Generator: (Using React, OpenAI API)
Developed a personalized recipe recommendation tool using the OpenAI API to suggest meals based on available ingredients. Built the frontend with React to ensure a responsive, user-friendly interface. Integrated real-time API calls for dynamic recipe generation, enhancing user interaction and overall experience.

RFID based Payment System: (Hardware Project)
Built a contactless payment system tailored for my college canteen, using the RFID chips already embedded in student ID cards. The system allows students to make quick and secure payments by simply tapping their ID at the counter, removing the need for cash or long queues. I integrated AI-based checks to detect unusual activity and prevent misuse. This solution made transactions faster, improved overall efficiency, and enhanced transparency for both students and canteen staff.

ACHIEVEMENTS

Organized Large-Scale Hackathons
Conducted multiple hackathons with 200+ participants, showcasing leadership and teamwork.

Public Speaking/Event Hosting
Emceed events, managed stage interactions, and engaged audiences with a strong mic presence.

Leadership Public Engagement
Led awareness campaigns in villages through public events, promoting social issues.

CERTIFICATIONS

Udemy C++ Programming course
Instructor Tim Buchalka's

Scaler
Database Management System Course

NPTEL Elite Java Programming Course
Indian Institute of Technology Kharagpur