

# Rohan Bandari

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## Skills

**Programming:** C, C++, Python, Java, Javascript, HTML, CSS, MySQL, React, TypeScript, TailwindCSS

**Technologies:** React, TypeScript, Vite, shadcn-ui, RFID Technology, Real-time Analytics **OS:** Windows, Linux

**Skills:** Self-reliance, Crowd Management, Communication, Critical & Analytical Thinking, Canva, Figma

## Education

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

CGPA: 8.1/10 | **Relevant Coursework:** Database Management Systems, Data Structures & Algorithms, Software Engineering, Statistics, Operations Research

**Sri Chaitanya Jr Kalasala**, Intermediate (TSBIE) | Score: 77.8% 2021 – 2023

## Leadership Experience

**President**, Founders Club Feb 2025 – Present

Spearheaded strategic planning initiatives across 5 workstreams, resulting in 40% increase in member engagement. Orchestrated cross-functional collaboration to align organizational objectives with deliverables and presented strategic recommendations to executive board, securing important budget allocation for key initiatives.

**Events Lead**, Dbug Labs Oct 2024 – Present

Executed end-to-end project management for 3 large-scale hackathons, engaging 200+ participants and achieving 95% satisfaction rate. Conducted hypothesis-driven analysis of participant engagement metrics, identifying key drivers of retention and satisfaction.

**Volunteer**, Placvts (Student Placement Team) | Collaborated with corporate partners to conduct structured interviews Sep 2023 – Apr 2025

## Strategic Projects & Problem-Solving

**Comprehensive Finance Management Platform** *React, TypeScript, TailwindCSS, MySQL*

Built a dynamic web-based finance management platform to streamline personal financial tracking and decision-making. Developed responsive frontend using React and TypeScript with TailwindCSS for intuitive user experience, while backend operations were powered by MySQL database for secure data management. Integrated real-time analytics dashboards with automated reporting capabilities, enabling data-driven budget optimization and achieving 60% reduction in manual processing time.

**RFID-based Payment System Innovation** *React, TypeScript, Vite, TailwindCSS, shadcn-ui*

Developed an innovative contactless payment system to revolutionize campus transaction processes. Built modern frontend using React and TypeScript with Vite for optimized development experience, while implementing sleek UI components with shadcn-ui and TailwindCSS for responsive design. Integrated RFID technology for real-time transaction processing with predictive analytics algorithms for fraud detection, achieving 75% reduction in transaction time and eliminating queue bottlenecks.

**Rescue Center Management System** *React, TypeScript, TailwindCSS, MySQL*

Created a comprehensive management system to optimize rescue center operations through data-driven process analysis. Built responsive frontend using React and TypeScript with TailwindCSS for modern UI/UX design, while backend operations were integrated with MySQL database for robust data management. Implemented automated workflow optimization and real-time monitoring capabilities, delivering significant improvements in data accuracy and processing time.

## Certifications

**Database Management & Analytics** – Scaler Academy (SQL) | **Elite Java Programming** – IIT Kharagpur via NPTEL | **Advanced Programming & Problem-Solving** – Udemy (C++ optimization, computational thinking, analytical frameworks)