

VENKATA SAI KUMAR REDDY P

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OBJECTIVE

B.Tech Computer Science student at IIIT Sri City with practical experience in developing real-time web applications using React, Node.js, Express, and MongoDB. Strong foundation in data structures (450+ problems solved) and backend architecture. Seeking an SDE/Web Developer role to build scalable features in high-impact products.

EDUCATION

Bachelor of Technology in Computer Science, IIIT Sri City Expected 2026
CGPA: 8.34

Relevant Coursework: Data Structures, DBMS, Operating Systems, OOP, Computer Networks

Intermediate Education (MPC), Narayana Junior College, Andhra Pradesh 2020–2022
Percentage: 95.7

TECHNICAL SKILLS

Languages: Java, JavaScript (ES6+), SQL, HTML, CSS

Frameworks/Libraries: React.js, Node.js, Express.js, Bootstrap

Tools Databases: Git, GitHub, MongoDB, MongoDB Atlas, Postman, JWT, WebSockets

Other: REST APIs, MVC Architecture

PROJECTS

WE_CHAT – Real-Time Messaging App (MERN Stack) [\[Code\]](#) [\[Live Demo\]](#)

- Built a real-time chat app supporting over **10+ concurrent users** using Socket.io and WebSockets.
- Enabled image sharing, profile avatars, and theme toggle for **enhanced user personalization**.
- Secured user authentication with JWT and persisted chat history in MongoDB Atlas.
- Deployed a fully functional MERN stack application on Render with CI/CD workflow.

Banking Management System (Java, OOP) [\[Code\]](#)

- Designed a CLI-based banking system handling **100+ transactions** across 2 account types.
- Applied **OOP principles** including encapsulation, inheritance, and polymorphism.
- Implemented features like interest calculation, overdraft protection, and transaction logs.

E-Commerce Platform for Clothing (MERN Stack)

- Developed a responsive UI using React to display and filter **20+ products**.
- Implemented MongoDB schema design, image uploads, and secure user login with JWT.
- Built cart functionality and integrated a basic checkout flow with team-based development.

Student-Doctor Appointment Booking Platform (MERN Stack)

- Built a platform processing for campus doctor appointments.
- Integrated **role-based access** for students and admins with JWT and bcrypt security.
- Designed reusable React components and protected backend routes with middleware.

ACHIEVEMENTS

JEE Advanced: Ranked in the **top 3% out of 1 million+ candidates** nationally.

Problem Solving: Solved **450+ problems** on LeetCode and GeeksforGeeks across 30+ DSA topics.

TCS NQT: Scored **89.89%**, placing in the **top 10%** of candidates nationally.

LEADERSHIP

Class Representative – IIIT Sri City

Elected as Class Representative for **70+ students**. Liaised between faculty and peers to resolve curriculum concerns, exam logistics, and academic updates.