SUSHMA POTNURU

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PROFESSIONAL SUMMARY

Second-year BTech Information Technology student with a CGPA of 9.14. Strong foundation in Data Structures, Object-Oriented Programming, and backend development. Experienced in building full-stack web applications using React, Node.js, Java, Spring Boot, and SQL. Seeking a software engineering internship.

EDUCATION

Shri Vishnu Engineering College for Women, Bhimavaram | B-Tech IT (2024–2028) | CGPA: 9.14

TECHNICAL SKILLS

Languages: C, Python, Java, SQL

Web & Backend: HTML, CSS, React.js, Node.js, TypeScript, Express.js

Frameworks: Django, Spring Boot

Databases: MySQL, MongoDB Atlas, Firebase

Concepts & Tools: DSA, OOP, DBMS, OS, REST APIs, Git, GitHub, JWT, Socket.io

CODING PROFILES

- LeetCode | CodeChef | SmartInterviews

PROJECT EXPERIENCE

GuideU – Student Mentorship Platform | React, Firebase

- Implemented role-based access control for students, seniors, and alumni.
- Integrated Firebase authentication and real-time database.
- Designed responsive UI components using React.
- Project Links: Live Demo | GitHub

HungerLink – Real-Time Food Surplus Coordination System | React, TypeScript, Node.js, Express, MongoDB

- Built a scalable full-stack platform connecting food providers with NGOs and volunteers.
- Implemented JWT-based authentication and role-based authorization.
- Enabled real-time updates using Socket.io and RESTful APIs.
  Project Links: Live Demo | GitHub

IRCTC Login System | Java, HTML, Maven

- Implemented a basic user authentication system simulating IRCTC login functionality.
- Designed backend logic using Java and structured the project with Maven.
  Project Link: GitHub

ATM Management System | Java, Spring Boot

- Implemented ATM operations including balance inquiry, withdrawal, and deposit.
- Applied object-oriented programming principles and backend business logic.
  Project Link: GitHub

CERTIFICATIONS

- Cisco – Introduction to Cybersecurity
- Cisco – Networking Essentials
- Coursera – Fundamentals of Java Programming
- Simplilearn – Generative AI for Beginners
- NavGurukul (AFE) – Python and AI Course