KALANGI PAVAN SHANMUKHA

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https://github.com/Shanmukha021

Career Objective:

Computer Science undergraduate specializing in IOT&Cyber Security with blockchain seeking research and internship opportunities to apply programming and problem-solving skills. Interested in Cyber security, web technologies, and artificial intelligence with a strong motivation to learn and contribute to innovative projects.

Education

1. **B.Tech in Computer Science (Specialization: IOT & Cyber Security with blockchain) -** Centurion University, Vizianagaram (Currently in 2nd Year) | CGPA: 9
2. **Intermediate Education –** Sri Chaitanya Junior College, Narasaraopet (Mathematics, Physics, Chemistry)
3. **Secondary Education –** Sindhu High School, Narasaraopet (Completed with distinction)

Technical Skills

1. Programming Languages: Python, C,java
2. Web Development: HTML, CSS, JavaScript, Bootstrap
3. Backend: Node.js, Express.js
4. Database: MySQL
5. Tools: GitHub, VS Code, Kali Linux (basics)

Projects

1. Easy Invoice: Developed Easy Invoice, a web-based system for inventory management, billing, and GST reporting using Node.js, Express.js, MySQL, HTML, CSS, and JavaScript. The system allows users to add and manage products, generate invoices, and automatically update stock after each sale. It also calculates GST values and generates sales summaries, helping small businesses maintain digital records instead of manual bookkeeping.

2. Smart Spend: Developed Smart Spend, a web application to manage user income and expense transactions using Java Spring Boot, MySQL, HTML, CSS, and JavaScript with JWT authentication. Users can register and log in securely, add income or expense records, and view transaction history and balance summaries. The application ensures data security and allows users to track their personal financial activities efficiently.

3. Grad Connect: Developed Grad Connect, a web application for alumni networking and management using React, FastAPI, PostgreSQL, and JWT authentication. The platform enables alumni to create profiles, participate in events, view job opportunities, and connect through mentorship and announcements. It helps strengthen communication between alumni and provides a space for career support and professional networking.

Achievements & Activities

1. Participated in technical hackathons, demonstrating strong problem-solving and teamwork skills.