

PAVAN KUMAR KOLIPAKULA

Bachelor of Technology, Computer Science and Engineering, KL University-Vijayawada

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PROFESSIONAL SUMMARY

Ambitious Computer Science student eager to apply academic knowledge and technical skills to a challenging internship role. Proficient in C, Java, and other programming languages, with hands-on experience in projects and coursework. Strong problem-solving abilities, analytical thinking, communication, and collaboration skills. Passionate about innovation and continuous learning, ready to contribute effectively in a dynamic environment.

EDUCATION

KL University

Bachelor of Technology in Computer Science and Engineering

CGPA: 9.3

2022 – Present

Sri Chaitanya Junior College

Board of Intermediate Education, Andhra Pradesh

Percentage: 68.6%

2020 – 2022

Narayana Institute of Technology

Board of Secondary Education, Andhra Pradesh

Percentage: 97%

2020

EXPERIENCE

Slash Mark IT Solutions

Jul 2024 - Aug 2024

Cyber Security Intern(Remote)

Vijayawada, AP

- Expert in image encryption, decryption, and advanced encrypted keyloggers using Python with AES, RSA, and ECC for cybersecurity.
- Engineered advanced security solutions, including intrusion detection, threats, and secure authentication systems.

PROJECTS

AIR LINE RESERVATION SYSTEM | Mango DB—React.js—Node.js—Express.js.

Dec 2023

- Built a dynamic airline reservation system with real-time booking, cancellations, and seat availability.
- Engineered a secure backend, optimizing database performance and API responsiveness for real-time transactions.
- Integrated secure APIs for user authentication, payment processing, and flight management.

AGRICULTURAL MANAGEMENT SYSTEM | HTML—CSS—Django—Python—PostgreSQL

April 2024

- Developed a system for efficient farm management, crop monitoring, and resource optimization.
- Built a robust backend for efficient data management, real-time updates, and reliable farm data storage.
- Integrated features for automated record-keeping, market analysis, and supply chain management.

SCHOLARSHIP MANAGEMENT SYSTEM | REACT—HTML—Java Eclipse—Spring Boot—My SQL

Dec 2024

- Developed a system for streamlined scholarship applications, approvals, and fund disbursement.
- Integrated features for eligibility verification, document management, and real-time status tracking.
- Automated application processing for higher efficiency and reduced manual intervention.

CERTIFICATIONS

- AWS Certified Cloud Practitioner 🏆
- Juniper Networks Certified Associate 🏆
- Red Hat Certified Enterprise Application Developer 🏆
- Certified Blockchain, Professional Fintech Capstone 🏆

TECHNICAL SKILLS

Programming Languages: C, Java, Python, JavaScript, HTML/CSS

Web Development: React.js, Node.js, Express.js, JUnit, Material-UI, Spring, SpringBoot, Hibernate

Databases: SQL - PostgreSQL, My SQL, NoSQL - Mongo DB

Cloud Technologies: Amazon Web Services

Developer Tools: Git, GitHub, Eclipse, VS code, Vercel, UNIX based MacOS

LEADERSHIP AND KEY SACHIEVEMENTS

- Project Leadership
- Project Implementation Success
- Code Optimization
- System Security Enhancement

CODING PLATFORMS

🔗 Leetcode 🏆

🔗 CodeChef 🏆

🔗 Codeforces 🏆

🔗 HackerRank 🏆