

# HEMANTH SURYA PRASAD MALLAMPALLI

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## PROFESSIONAL SUMMARY

Motivated B.Tech student in Computer Science and Engineering with a strong foundation in Full Stack Development and Cybersecurity. Hands-on experience building secure web applications using Flask, Spring Boot, and relational databases. Focused on access control, data integrity, and system security in application design. Strong in responsibility, organization and teamwork. Eager to learn, adaptable, and ready to contribute as a fresher in a professional IT environment.

## EDUCATION

**Bachelor of Technology – Computer Science and Engineering**  
K L Deemed to be University, Vaddeswaram, Andhra Pradesh

**CGPA: 9.2**  
2022 – Present

## SKILLS

- Core Knowledge:** Cybersecurity, Networking, Operating Systems, DBMS, Cloud Computing Fundamentals
- Programming Languages:** Python, C
- Databases:** MySQL, PostgreSQL
- Web Technologies:** HTML, CSS
- Tools:** Git, GitHub, VS Code, Kali Linux
- Soft Skills:** Team Collaboration, Communication

## PROJECTS

### Secure File Integrity Monitoring System with Blockchain (Python/Flask)

Designed a Flask-based security application to detect unauthorized file changes using SHA-256 hashing and real-time monitoring with Watchdog. Stored baseline hashes on a private Ethereum blockchain (Ganache) for immutable integrity verification and audit-trail protection.

### Smart Job Portal with Controlled Hiring Workflow (Python/Flask)

Developed a Flask-based job portal with role-based access control, secure resume uploads, job approvals, and application tracking using PostgreSQL. Enabled notifications, resume management, and automated candidate shortlisting based on eligibility criteria.

### Online Cinema Ticket Booking System (Java/Spring Boot)

Built a Spring Boot and MySQL application to manage movies, showtimes, seat availability, and ticket bookings. Implemented a user-friendly interface for seat selection, booking confirmation, and ticket generation.

## INTERNSHIPS

### Cybersecurity Intern (Virtual)

July 2024 – September 2024

EduSkills (AICTE) – Palo Alto Networks

Gained hands-on exposure to cybersecurity fundamentals, threat awareness, and secure computing practices through structured virtual training.

## CERTIFICATIONS

### Microsoft Certified: Azure AI Fundamentals (AI-900) — June 2024

Learned core AI concepts and cloud fundamentals on Azure for practical implementation. Gained insight into applying AI solutions in cloud environments.

### ACE Multicloud Network Associate — August 2024

Gained foundational knowledge of computer networks, cloud environments, and multicloud basics. Learned key networking and deployment principles relevant to cloud solutions.

### Automation Anywhere Certified Essentials RPA Professional — September 2025

Developed practical skills in process automation using RPA tools and workflow management. Applied automation concepts to simulate real-world business processes.