

# Manikanta Reddy Palle

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## EDUCATION

MLR Institute of Technology, Hyderabad	11/2021 – 05/2025
B. TECH Computer Science Engineering – Cyber Security	GPA 8.3/10.0
Narayana Junior College, Hyderabad	07/2019 – 07/2021
MPC	Aggregate 95%

## CERTIFICATIONS

OffSec Certified Professional (OSCP+) (Offensive Security)	04/2025 – 04/2028
Credential ID: 139404022	
Certified Ethical Hacker (EC-Council)	05/2024 – 05/2027
Credential ID: ECC8153460972	

## INTERNSHIP

Cyber Security Intern, CCoE, DSCI, Hyderabad	08/2024 – 07/2025
<ul style="list-style-type: none"><li>Built an Application Security Lab by integrating DVWA, Mutillidae, bWAPP, Juice Shop, Security Ninja, Vulnerable WordPress, and WebGoat on Kali Linux with cron jobs for auto-startup, to train students in CCoE workshops, leading to 150+ students trained.</li><li>Containerized vulnerable labs into a Docker setup and created a Flask app to manage them, to simplify access without virtual machines, enabling 20+ users to use them simultaneously.</li><li>Developed an e-commerce and a food delivery web app, each with 5 OWASP Top 10 vulnerabilities, to enhance cybersecurity training, used by 100+ trainees in workshops.</li><li>Crafted 50+ CTF challenges in Web, Binary, Forensics, OSINT, Cryptography, Boot2Root, and Steganography, and built a hosting platform, to run competitions, supporting 300+ participants.</li></ul>	

## PROJECTS

### DragonetC2 : A Discord-Based Command & Control Server

- Developed and deployed a Command and Control (C2) server using Discord as a communication channel for secure remote operations, real-time monitoring, and automated task execution in red team engagements. Implemented multiple agents, encryption, and persistence capabilities to simulate advanced cyber threat scenarios and assess security posture.

### Legal Storage – Blockchain-Based Document Management System

- Developed a blockchain-based system with Ethereum smart contracts, to store and manage sensitive legal documents securely, cutting document verification time by 20% with tamper-proof records. Designed for legal professionals to provide tamper-proof records, with encrypted storage and access logging to maintain compliance.

## SKILLS

Active Directory Pentesting, Red Teaming, Vulnerability Management, Kali Linux, Nessus, Source Code Review, Python, Bash, JavaScript, C, Proxies - Burp Suite, OWASP-ZAP - Nmap, Metasploit, Wireshark. Tools

## ACHIEVEMENTS

### Identified 10+ Vulnerabilities in VM Edu Life ERP System

- Uncovered over 10+ flaws in VM Edu Life, an ERP system with 2 million+ users, including login authentication bypass, multiple XSSs, file upload bypass, multiple SQL Injections, multiple IDORs, and SSTI leading to RCE, to improve system security, reducing unauthorized access risks.

### Discovered Critical SQL Injection Leading to RCE in BEES Software

- Detected an unauthenticated SQL Injection flaw in BEES Software, exploited it to achieve Remote Code Execution (RCE) and gain admin access, to strengthen security for software used by 150+ colleges in Telangana and Andhra Pradesh.

### Reported Security Issues on High-Profile Websites

- Found and disclosed vulnerabilities in platforms like PhonePe, Pine Labs, Stripe, Red Bull, NASA, Nestlé, and Coin Hako, using manual testing and automated tools, to enhance their cybersecurity posture, cutting potential attack windows