

POTNURU MOUNIKA

Vizinagaram, Andhra Pradesh | mounikapotnuru666@gmail.com | +91 9347261493

linkedin.com/in/mounika-potnuru-177723329 | github.com/potnurumounika-123

CAREER OBJECTIVE

To obtain a challenging position as a Full Stack Developer and Cybersecurity Enthusiast where I can leverage my expertise in MERN stack technologies and ethical hacking practices to develop secure, scalable web applications and contribute to the organization's technology infrastructure and digital defense.

EDUCATION

CHALAPATHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

Oct 2022 – Mar 2026

- B.Tech
- GPA: 8.60/10
- **BRANCH** - COMPUTER SCIENCE AND ENGINEERING (CYBER SECURITY)

EXPERIENCE

Palo Alto Networks, CyberSecurity

Jan 2024 – Mar 2024

Role - Virtual Intern

- Completed a hands-on internship covering threat prevention, network security, and incident response using Palo Alto's enterprise-grade tools. Simulated and resolved over 20+ traffic log analysis and 15+ firewall configuration exercises to strengthen network defense protocols. Participated in incident response scenarios, reducing mock threat response times through efficient log review and rule tuning.

Zscaler, Networking

Oct 2024 – Dec 2024

Role - Virtual Intern

- Understood and applied Zero Trust principles in 10+ lab-based scenarios securing cloud-first environments and remote endpoints. Demonstrated the impact of cloud-native security by improving hypothetical enterprise traffic flow by showcasing improved performance through Zscaler's architecture. Completed real-world use cases simulating the transition from legacy network models to cloud-delivered security, enhancing awareness of scalable risk mitigation.

PROJECTS

Amazon – E-commerce Frontend Web Application

- Developed a responsive and interactive e-commerce web application replicating the core UI and features of Amazon. Built static and dynamic sections including product grids, category menus, and a cart UI using vanilla JavaScript. Ensured cross-browser compatibility and mobile responsiveness using media queries and modern CSS techniques.

FreshMart - Online Grocery Delivery Website

- Developed a static clone of the FreshMart platform with a pixel-perfect and responsive user interface using HTML and CSS. Implemented core interactive elements including a functional navigation bar, product listing grid, search bar simulation, and cart animations using vanilla JavaScript. Designed mobile-first layouts with media queries to ensure smooth responsiveness across devices.

Saviour Blood Connect - Java | Console-based Application

- Developed a backend console-level application to manage blood donation and request system. Implemented donor and recipient registration, blood inventory management, and request processing. Applied object-oriented programming (OOP) concepts and modular design for maintainability.

SKILLS

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

Technical Skills: React.js, Node.js, Express.js, MongoDB, RESTful APIs, Fundamentals of Network Security, OWASP Top 10, Vulnerability Scanning, Kali Linux, Burp Suite, Nmap, Wireshark, Metasploit Framework, Penetration Testing Basics.

CERTIFICATES

Certified Ethical Hacker - ECCouncil