

# POTNURU MOUNIKA

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## 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

### FULL STACK WEB DEVELOPMENT

June 2025 – July 2025

**Role** - Virtual Intern

- I completed a Full Stack Development internship at Future Interns, where I worked on both front-end and back-end technologies to build responsive and dynamic web applications. I gained hands-on experience with HTML, CSS, JavaScript, React.js for the front end, and Node.js, Express.js, and MongoDB for the back end. During the internship, I collaborated on real-time projects, implemented RESTful APIs, and followed best coding practices to ensure performance and scalability. This experience enhanced my skills in full stack development, problem-solving, and team collaboration.

### JAVA CORE PROGRAMMING

June 2025 – July 2025

**Role** - Virtual Intern

- Completed a hands-on internship focused on Core Java Programming, where I gained practical experience in object-oriented programming, exception handling, multithreading, file handling, and the collections framework. Developed and debugged Java-based applications while strengthening problem-solving and coding skills. This internship enhanced my understanding of Java fundamentals and prepared me for real-world software development scenarios.

## 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