

MOHAMMED OSAMA YUSOUF SM

osamayousuf1504@gmail.com | +91 99623 40392 | Chennai, Tamil Nadu



Yousuf MD



Osama-Web-Dev



Yusouf



Portfolio



Executive Summary

Versatile tech intern with hands-on experience in full-stack web development and cybersecurity. Skilled in building secure, scalable web applications while performing penetration testing, vulnerability assessments, and threat analysis. Passionate about delivering robust, innovative solutions that merge cutting-edge web design with proactive digital security



Education

Chennai Institute Of Technology

Chennai, Tamil Nadu

BE in Computer Science Engineering (Cyber Security), 2nd year

CGPA: 8.04/10 (First 2 semesters)

2024 - Present



Projects

Wi-Fi Impersonation And Attack Defender | [Demo](#)

Jul 2025 - Aug 2025

- **Tools:** Python (Scapy), Linux, Flask, SQLite, Bash
- Security Tool
- Developed a system to detect and mitigate rogue APs, evil-twin attacks, and common Wi-Fi exploits using passive scanning and active verification. Implemented real-time alerts, MAC/BSSID fingerprinting, probe-request analysis, and automated countermeasures like client isolation and deauth mitigation. Built backend analytics and a dashboard for attack timelines, device correlation, and false-positive tuning; deployed via Docker.

DedSec CTF | [Demo](#)

Aug 2025 - Sep 2025

- **Tools:** Python (Flask), HTML, CSS, JavaScript, MySQL
- Full-Stack Platform
- Built a full-stack Capture The Flag (CTF) platform for cybersecurity learning and competitions. Designed progressive challenges across Web, Crypto, Forensics, and Pwn categories with automated flag verification. Implemented secure authentication, a leaderboard system, and an admin dashboard for challenge management.

ExoQuest

Oct 2025 - Present

- **Tools:** Python (Flask), HTML, CSS, JavaScript, MySQL, OAuth, REST API, Git, Linux, Docker
- Cybersecurity Education Platform
- Developed a full-stack Capture The Flag (CTF) platform for hands-on cybersecurity training. Implemented dynamic challenge management, domain-based categorization, user authentication, progress tracking, and leaderboards. Managed backend security, database operations, and real-time challenge updates for an interactive learning experience.

Certifications

- Google Cybersecurity Professional Certification – **Coursera & Google**
- Cisco Ethical Hacker – **Cisco Networking Academy**
- Introduction To Cybersecurity – **Cisco Networking Academy**
- Web Application Penetration Tester – **Guvi**
- Mobile Hacking – **Guvi**

Technical Skills

- **Web Development:** HTML, CSS, JavaScript, React.js, Next.js, Node.js, Tailwind CSS, Bootstrap, MongoDB
- **Cybersecurity & Networking:** Python, Linux, Networking, Socket.io, Peer.js
- **IoT & Hardware:** Arduino, NodeMCU, ESP32
- **Tools & Others:** Git, TypeScript, Java, Microsoft Word, PowerPoint