

Professional Summary

Cybersecurity-focused Computer Science graduate with practical experience in ethical hacking, penetration testing, and web application security. Skilled in Kali Linux tools, vulnerability assessment, and security testing methodologies. Developed machine learning-based phishing detection systems and security-focused web applications using Python, Flask, and React. Strong interest in offensive security, threat analysis, and secure system design.

Education

BACHELOR OF ENGINEERING IN COMPUTER SCIENCE AND ENGINEERING

Jul 2021 – May 2025

United Institute of Technology, Coimbatore.

Skills

- Cybersecurity:** Penetration Testing, Ethical Hacking, Vulnerability Scanning, Vulnerability Assessments, Reporting.
- Tools & Platforms:** Kali Linux, Burp Suite, Metasploit, Nmap, Wireshark, Sqlmap, Nikto, Hydra, Gobuster, Git.
- Programming & Databases:** Python, JavaScript (basics), MongoDB, SQL.
- Design & Office:** Canva, MS Office, Adobe Photoshop.
- Soft Skills:** Critical Thinking, Problem Solving, Strong Documentation Skills, Time Management and Adaptability.

Experience

Cyber Security Intern, Red Team Hacker Academy - Bengaluru, Karnataka

August 2025 – October 2025

- Conducted hands-on security assessments on vulnerable machines to identify misconfigurations, flaws and exploitable vulnerabilities.
- Executed Vulnerability Assessment and Penetration Testing (VAPT) methodologies, including recommendations, exploitation, and post-exploitation analysis.
- Created detailed VAPT reports with identified risks, CVSS scoring, and actionable remediation recommendations.

Projects

Enhanced Phishing Detection (Flask + ML)

- Collected and engineered URL-based features (length, entropy, special chars, domain age heuristics) to reduce overfitting vs public datasets.
- Trained and compared Random Forest, XGBoost, and Logistic Regression. Deployed chosen model in a Flask app where users input a URL for prediction.
- Achieved 96.7% accuracy using Random Forest.

DVWA Penetration Testing – Medium Security Level

Tools: Burp Suite, Kali Linux, Browser DevTools

- Performed end-to-end penetration testing on DVWA (Medium security level).
- Identified and exploited vulnerabilities including Brute Force, SQL Injection, Command Injection, File Upload RCE, Reflected & Stored XSS.
- Documented findings with risk ratings, methodologies, exploitation steps, and remediation recommendations in a professional pentesting report.
- Demonstrated practical ethical hacking skills using industry-standard VAPT techniques.

Certifications

- Certified Penetration Tester** – Red Team Hackers Academy.
- Cyber Security: From Beginner to Expert** – Udemy.
- The Complete Ethical Hacking Course** – Udemy.