

EDUCATION

Indira College of Engineering & Management, Pune

08/2019 – 04/2023

B.E in Mechanical Sandwich Engineering, CGPA 7.91

CDAC, Thiruvananthapuram

09/2023 – 02/2024

PGD Cyber Security & Forensics, 68.38%

TECHNICAL SKILLS

Operating System: Windows Server, Kali Linux, Ubuntu.

Cybersecurity Skills: Vulnerability Assessment, Penetration Testing

Tools: Wireshark, Burp suite, Metasploit, Nmap, OWASP ZAP, Github

Database: MySQL

Frameworks: MITRE Framework, OSINT Framework

Programming Language: Javascript, Python, SQL

EXPERIENCE

Secure Software Development, Tecmetaverse

11/2024 – 04/2025

- Integrated security best practices into web application development to ensure robust and secure solutions. Implemented secure authentication and authorization mechanisms in a full-stack ecommerce application, safeguarded payment transactions, and applied input validation.

INTERNSHIP

Cybersecurity Engineer Intern, Cyient

07/2024 – 10/2024

- Conducted a secure coding checklist to analyze and review cryptographic algorithms, ensuring compliance with best practices. Assisted in designing and developing an application that automates the identification of available security patches from the Android Security Bulletin page, streamlining security updates. Assisted in creating and executing a security testing framework for a web application, identifying vulnerabilities and enhancing its security posture.

Ethical Hacking Intern, Cyberdosti

05/2024 – 07/2024

- Got to learn about Nmap, Burpsuite and got an in-depth knowledge of Web application penetration testing. Assisted in performing web application and network penetration testing.

PROJECTS

Vulnerability Assessment & Penetration Testing on Unstop.com

01/2024 - 02/2024

- Performing vulnerability assessment and penetration testing on unstop.com which involved through analysis of web application to identify weakness. The objective was to mitigate vulnerabilities and safeguard the application against cyber threats using tools such as Nmap and Automated tools like Nessus and OWASP ZAP, Burp suite, Kali Linux.

Encoding and Decoding Application using base64

06/2024 - 07/2024

- Using this application helps in providing a basic level of obfuscation. Data encoded is not immediately human readable, adding a minor level of security. Working on this project I got to learn about Encryption and Decryption Algorithms such as AES, RSA, ECC Programming Language – Python

CERTIFICATIONS AND COURSES

Certified Penetration Testing Professional (C|PENT), EC Council

Ongoing