

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

Windows Server, Kali Linux, Ubuntu, Owasp Top 10, Secure Code Review, SAST, DAST, Wireshark, Burp suite, OWASP ZAP, Nmap, Hping3, Hydra, APK Tool, Metasploit Git/Github, Docker, Kubernetes, Jenkins CI/CD, MySQL, MongoDB, HTML, CSS, Reactjs, Python, SQL, Nodejs, Expressjs, AWS.

PROJECTS

Vulnerability Assessment & Penetration Testing on Unstop.com

- Performed comprehensive security testing on unstop.com using Kali Linux with tools like Nmap, Nessus, OWASP ZAP, and Burp Suite to identify critical web vulnerabilities. Discovered and reported a medium-severity flaw, following OWASP Top 10 standards and industry best practices for ethical assessment. Provided actionable mitigation steps and verified the implementation of fixes to enhance the application's security posture.

Encoding and Decoding Application using base64

- 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

EXPERIENCE

Desktop Support Engineer, Saiyash Technologies

06/2025 – Present

- Managed Active Directory tasks including user provisioning, password resets, group assignments, and joining systems to the Domain Controller. Provided technical support for Windows and Linux OS, automated project file backups to OneDrive using Python and cron, and resolved VPN issues related to Cisco AnyConnect. Ensured secure system communication by configuring and maintaining SSL certificates.

Secure Software Development, Tecmetaverse

11/2024 – 04/2025

- Developed and deployed over 5 static websites for real estate and café clients, enhancing online presence and reducing client turnaround time by 30%. Integrated SSDLC practices and conducted in-depth web application penetration testing, identifying and fixing 8+ vulnerabilities like XSS and IDOR for a more secure release. Additionally, built 5+ secure RESTful APIs and a custom EspoCRM plugin, improving CRM efficiency and cutting manual effort by ~20% for Knightsfin Estates.

INTERNSHIP

Cybersecurity Engineer Intern, Cyient

07/2024 – 10/2024

- Assisted in creating a secure coding checklist for a C++ application to align with industry best practices and enhance code security. Automated Android OS patch tracking by extracting data from the Android Security Bulletin, reducing outdated OS risk by 25–30%. Developed a custom tool integrating Nmap, LinEnum, and network pentesting utilities, increasing testing efficiency by ~15%, and presented an IEC 62443-aligned rail network security report.

Ethical Hacking Intern, Cyberdosti

05/2024 – 07/2024

- Learned and practiced web and network penetration testing methodologies using vulnerable environments like DVWA and Metasploit's Table 2 machine. Gained hands-on experience identifying and exploiting common security flaws in controlled labs. Also built a Python project for Base64 encoding and decoding, shared publicly on GitHub.

CERTIFICATIONS

- Devsecops Fundamentals**, Tutorialspoint
- Devsecops Ultimate**, Tutorialspoint
- CPENT**, Ec-Council