

Subhash Kumar

Cyber Security Engineer

Self-motivated, highly passionate and hardworking Cyber Security Engineer, Have pretty neat knowledge in VAPT, API Penetration Testing, Compliance and Application Security, looking for an opportunity to work in an organization that offers good growth prospects.

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WORK EXPERIENCE

Cybersecurity Intern Tata Elxsi

08/2024 - 06/2025

Trivandrum, Kerala

Achievements/Tasks

- Performed static and dynamic application security testing (SAST & DAST) and source code analysis using SonarQube and OWASP ZAP for web and Android applications.
- Conducted penetration testing with tools like Burp Suite, Nmap, Wireshark, and Metasploit for vulnerability identification.
- Integrated Gen-AI-powered automated code analysis and fix generation features into the in-house STAF tool.
- Executed Active Directory penetration testing using tools like BloodHound, CrackMapExec, and Mimikatz to assess domain security.
- Supported compliance testing of embedded devices to ensure security and regulatory standards.

Analyst

Eclerx Services Ltd.

04/2021 - 06/2022

Pune, India

Achievements/Tasks

- Designed and delivered automated dashboards and data-driven reports for client stakeholders.
- Independently managed and optimized the web scraping infrastructure to ensure data accuracy and reliability.
- Led process execution and coordinated team operations to meet client goals.

PERSONAL PROJECTS

Web Application Security Testing

- Conducted hands-on penetration testing using DVWA to identify and exploit common web vulnerabilities like SQLi, XSS, and CSRF.
- Documented findings and remediation steps, simulating real-world attack scenarios to improve web application security posture.

EDUCATION

M.Tech, Cyber Security

MIT World Peace University

06/2023 - 07/2025

Pune, India

B.Tech, Computer Science

Jaipur National University

06/2015 - 07/2019

Jaipur, Rajasthan

SKILLS

Offensive Security

VAPT

OSINT

GRC

ISO/IEC 27001

Active Directory (AD)

Burp Suite

Compliance

DevOps

Python

Linux

AWS

OSCP

Docker

OWASP Top 10

MITRE ATT&CK

ACHIEVEMENTS

Smart India Hackathon

Runner Up

CERTIFICATIONS

Certified Ethical Hacker (CEH) v13

Computer Hacking Forensic Investigator (CHFI)

AWS Certified Cloud Practitioner

Red Hat Certified System Administrator (RHCSA)

Offensive Security Certified Professional (OSCP)

PUBLICATIONS

Implementation of QOS in SDN and Distributed Networks for mitigation of DDOS based attacks using Machine Learning

Blockchain-based decentralized Identity and Access Management for Interoperable Metaverse Ecosystems: A Compliance-Oriented Governance Framework

AI Driven Security: Automating Vulnerability Detection and Testing with Gen-AI and LLMs

LANGUAGES

English

Full Professional Proficiency

Hindi

Full Professional Proficiency

INTERESTS

Cloud Security

Gen-AI

Compliance Testing

API Testing

Red Teaming

Blue Teaming

OSCP+

Information Security

CISSP