

Vishal Prakashbhai Manwar

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Profile

Highly motivated with a strong foundation in Cybersecurity. Possesses hands-on experience in penetration testing, data analysis, and a passion for continuous learning and problem-solving. Proven ability to work effectively in team environments as well as independently. Eager to contribute technical expertise and innovative thinking to challenging projects.

Education

Master of Technology Cyber Security
National Forensic Science Universtiy
2024 – present | Gandhinagar, India

Bachelor of Engineering in Computer Engineering (7.35 CGPA)
Government Engineering College
2020 – 2024 | Gandhinagar, India

Higher Secondary Certificate (73.08%)
St. Xavier's High School
2020 | Surat, India

Secondary School Certificate (88%)
Oxford English Higher Secondary School
2018 | Surat, India

Professional Experience

Junior Developer & Technical Trainer
Arraysoft Technology Pvt. Ltd.
Jan 2024 – Jun 2024 | Gandhinagar, India

Certificates

Certified Network Security Practitioner (CNSP)

Courses

AWS Academy Cloud Operations
Gained foundational knowledge in cloud computing, AWS services, and security, focusing on cloud infrastructure and deployment.

AWS Academy Cloud Foundations
Acquired practical skills in managing, optimizing, and troubleshooting AWS cloud environments, including automation and cost optimization.

Projects

Frequency Based Drone Detection and Classification

Developed a drone detection system based on radio frequency signal analysis. Captured and analyzed RF signatures to identify drone activity. Integrated machine learning models for accurate classification of drone types and implemented real-time alert mechanisms for immediate response.

Cloud-Centric Security Information and Response System

Developed a cloud-based system to collect, monitor, and analyze security logs from AWS EC2 instances using CloudWatch and custom alert rules. Integrated log analysis using Python for anomaly detection.

Automated Forensic Analysis Framework For Aws Cloud Environments

Developed a Python-based AWS Cloud Forensics & Incident Response toolkit that inventories resources, analyses CloudTrail, VPC Flow, IAM, S3, KMS and VM logs to detect misconfigurations and suspicious activities.

Skills

Cybersecurity Tools

Wireshark, Nmap, BurpSuite, Metasploit

Scripting & Automation

Python, C, C++, Bash

Security Concepts

VAPT, OWASP Top 10, Network Security

Digital Forensics

Autopsy, Volatility, FTK Imager

Cloud Security & Platforms

AWS, IAM, Logging & Monitoring

Soft Skills

Problem-solving, Teamwork, Communication, Attention to Detail

Languages

English • Hindi • Gujarati