

ARPIT DHAMELIYA

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Summary

Cybersecurity analyst with 1+ year of hands-on VAPT and SOC-adjacent experience, an MS in Cybersecurity from Pace University, and OSCP+, Security+, and Network+ certifications. Track record of identifying vulnerabilities, tuning SIEM detections, and reporting to technical and business stakeholders.

Certifications

Offensive Security Certified Professional+ (OSCP+) · CompTIA Security+ · CompTIA Network+ · eJPT (INE Security) · Certified Cybersecurity Technician (EC-Council) · API Security Analyst

Languages & Technologies

Vulnerability Management: Burp Suite, Nmap, Metasploit, Nessus-style scanning, OWASP Top 10, OWASP API Top 10, manual web and API testing

Security Operations & Monitoring: Splunk, ELK Stack, Grafana, YARA rules, MITRE ATT&CK, threat hunting, IOC analysis, packet analysis, Wireshark

Network Security: Cisco routers and switches, firewalls, IDS/IPS, honeypots, TCP/IP

Scripting & Platforms: Python, Bash, PowerShell, C/C++; Windows Server, Windows 10/11, Linux, Active Directory, AWS Security Hub, Docker, Git

Compliance & Productivity: NIST CSF, ISO 27001/27002, OWASP, MITRE ATT&CK; Microsoft Word, Excel, PowerPoint

Professional Experience

Cybersecurity Analyst, Cyber Octet Pvt. Ltd.

January 2023 – November 2023

Ahmedabad, India

- Led VAPT engagements across web applications, REST APIs, and Active Directory environments for **3 banking clients**, driving remediation of **15+ critical OWASP Top 10 vulnerabilities** and reducing unauthorized access risk by **20%** for compliance audits.
- Tuned **SIEM detection rules** and authored Python proof-of-concept exploits to demonstrate impact, validate fixes, and prevent re-exploitation.
- Generated weekly risk reports and remediation dashboards for **5+ business stakeholders** across IT, compliance, and engineering, including executive-level presentations of findings.

Cybersecurity Intern, Cyber Octet Pvt. Ltd.

October 2022 – December 2022

Ahmedabad, India

- Performed static malware analysis and wireless network assessments using Aircrack-ng, translating **30+ findings** into prioritized remediation reports for senior analysts.
- Conducted internal vulnerability scans using Nmap, Burp Suite, and Metasploit across **2 client networks**, identifying exposed services and misconfigurations, and supported senior analysts on incident response triage.

Projects

Multi-Domain Active Directory Attack & Defense Lab · VMware, BloodHound, Impacket, CrackMapExec Aug 2024 – Present

- Built a **5-VM multi-domain Active Directory environment** simulating an enterprise network and executed **20+ attack scenarios** including Kerberoasting, NTLM relay, ACL abuse, and ADCS exploitation, mapping each to MITRE ATT&CK.
- Authored detection-focused write-ups identifying log sources and Splunk/ELK queries that surface each attack, building skills directly applicable to SOC analysis and incident response.

PhishArk: Automated Social Engineering Simulation Framework [GitHub] · Python, Bash, Cloudflared May 2024 – Apr 2025

- Co-developed a modular Python framework with **70+ phishing templates** and automated Cloudflared tunneling for authorized red team and security awareness assessments, increasing deployment efficiency by **50%**.

Bruce Smoochie: Wireless and Embedded Auditing Tool [GitHub] · ESP32-S3, C++, Embedded Systems Jul 2024 – Dec 2025

- Designed a portable, battery-powered multi-radio auditing device integrating Sub-GHz, 2.4GHz, and NFC modules with GPS-based wardriving for authorized physical security and IoT assessments, with applicability to **critical infrastructure and ICS environments**.

Achievements & Competitions

National Cyber League (NCL) Top 6%, Team Game, Fall 2024 and Fall 2025; CyberSEED 2025 competitor; SANS Holiday Hack Challenge 2025 participant; active on Hack The Box, TryHackMe, PicoCTF, and OSCP Proving Grounds.

Selected for EC-Council's **Certified Cybersecurity Technician (CCT)** beta testing committee.

Education

Pace University, New York, NY · M.S. Cybersecurity (Security Operations) · GPA: 3.65 · Jan 2024 – Dec 2025

Dharmsinh Desai University, India · B.E. Electronics and Communication · GPA: 3.4 · Jun 2019 – May 2023