

Abhishek Diwate

✉ abhishekdiwate11@gmail.com ☎ +919021519812 📍 Pune, India

PROFILE

To work in a firm with a professional work driven environment where I can utilize and apply my knowledge, skills which would enable me as a fresh graduate to grow while fulfilling organizational goals.
Proficient in Python automation, and frameworks like ISO 27001, PCI DSS and Cyber Kill Chain. Collaborates with cross-functional teams, and adapting to evolving cyber threats.

Professional Experience

- Apprentice Cybersecurity Analyst (Cloud Security & FinOps), Allianz**01/2025 – present | Pune
 - Assist in implementing IAM policies, reducing unauthorized access risks by 20% through proactive log validation
 - Monitor and analyze cloud security logs using Splunk and Azure Sentinel, identifying sector-specific threats
 - Conduct OSINT research on emerging vulnerabilities using VirusTotal and public feeds, reporting findings to seniors
 - Collaborate with FinOps team to align security measures with cost-saving strategies, optimizing resource allocation
 - Assisted in monitoring cloud costs and identifying areas for cost optimization
- Intern Cybersecurity Analyst, Secure Sphere Foundation**09/2024 – 12/2024 | Virtual
 - Analyzed security logs in Splunk to detect anomalies (e.g., brute-force attacks, APTs), validating alerts with OSINT data
 - Supported threat intelligence documentation by mapping threat actor TTPs to MITRE ATT&CK, enhancing playbooks
 - Worked with cross-functional teams to escalate incidents and recommend mitigation strategies
 - Analyzed security logs using SIEM (Splunk) to detect anomalies, brute-force attacks, and malware infections
 - Configured firewalls, VPNs, IDS/IPS, and endpoint security solutions

EDUCATION

- B.Tech in Electronics & Communication**07/2019 – 07/2023
Sanjivani College of Engineering, KopargaonCGPA- 7.86

PROJECTS

- Automated Incident Response System** ⓘ
 - Developed a Python-based tool integrated with Splunk to automate IOC detection log entries, mapping threats to MITRE ATT&CK
 - Splunk to analyze security logs and trigger predefined responses
 - Configured alerts for real-time incident detection and mitigation
 - Skills:** Python, SIEM, Splunk, Automation
- Threat Detector using Web Scrapper** ⓘ
 - Developed web scraping module to extract targeted data from websites
 - Applied preprocessing techniques to convert raw data into structured format
 - Collects data about emerging threats from forums, social media
 - Skills:** Python, BeautifulSoup, Pandas, Jupyter Notebooks, Google Colab, Virustotal
- Bitcoin price prediction using Machine Learning & Secure Website** ⓘ
 - Machine learning models used to predict the price of Bitcoin, developed a web app for real-time price prediction and implement HTTPS using SSL/TLS to encrypt data
 - Containerized the web application using Docker, ensuring portability and scalability across environments
 - Deployed the system on AWS, utilizing EC2 for hosting, S3 for storage, and RDS for database management
 - Applied proper access controls using SQL user permissions
 - Skills:** Python, Statistics, NumPy, Pandas, SQL, HTTPS, SSL/TLS, AWS, Docker

Certificates

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|--|---|--|--|
| • Certified Ethical Hacker (CEH), EC-Council | • CCNA (Cisco Certified Network Associate), Cybervaultsec | • Vulnerability Assessment & Penetration Testing (VAPT), Cybervaultsec | • Cloud Agent Security Certification, Qualys |
| • Web Application Scanning, Qualys | • AWS Certified Cloud Practitioner, AWS | • The Joy of Computing using Python, NPTEL | |

SKILLS

Technical Skills -

- Threat Intelligence:** SIEM (Splunk), OSINT (Beautiful Soup, VirusTotal), Threat Hunting
- Governance & Compliance:** NIST, GDPR, ISO 27001
- Frameworks:** MITRE ATT&CK, Cyber Kill Chain
- Cloud Secuity:** AWS (IAM) & Azure Security Center
- Network Security:** VPNs, Firewalls, IDS/IPS
- Tools:** Kali Linux, Metasploit, Wireshark, Nmap, OWASP 10, Burp Suite

Soft Skills -

Communication, cross-functional collaboration, Problem-Solving, Adaptability, Analytical Skills, Issue Documentation

Achievements

- Ranked in the Top 7% on TryHackMe, completing advanced labs in SOC, VAPT, and Network Security.
- Presented a research paper on Machine Learning & Cybersecurity at an IEEE International Conference (Salem).
- Runner-up in a National-Level Project Competition (Loni) for a cybersecurity project.
- Finalist in a Cybersecurity Hackathon, demonstrating skills in threat hunting and incident response.

Volunteer Experience

- Cybersecurity Training & Awareness Programs – Volunteer Sanjivani Polytechnic College, Kopargaon**
Educated students on cyber hygiene, online threats, and best security practices. Conducted awareness sessions on phishing attacks, password security, and data privacy. Provided hands-on workshops on basic penetration testing techniques.
- Python Workshop Coordinator Sanjivani College of Engineering, Kopargaon**
Organized and led a Python programming workshop, focusing on real-world applications and project development. Assisted students in developing mini-projects using Python.

LANGUAGES

English	Hindi	Marathi
Professional Working Proficiency	Professional Working Proficiency	Professional Working Proficiency