CHINMAY SUNIL PATIL

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PROFILE

Cybersecurity enthusiast with a background in Computer Engineering and currently pursuing a Post Graduate Diploma in DITISS. Driven by a strong passion for learning and problem-solving, with a focus on continuously expanding knowledge across security domains. Eager to explore new technologies and build practical expertise through hands-on projects and real-world application of cybersecurity principles.

SKILLS

- **Cybersecurity:** SIEM (Splunk, OSSIM/AlienVault), IDS/IPS (Snort), Honeypot (Cowrie), Incident Response, Digital Forensics, Security Policies, Compliance Audits, Public Key Infrastructure (PKI), Vulnerability Management (Nessus), Security Mindset
- **Security Tools:** Wireshark, Nmap, Metasploit, Snort, Cowrie, Nessus, Nagios, AlienVault OSSIM, Packet Capture, DNS Filtering (NextDNS)
- **Cloud & DevOps:** AWS (EC2, S3), Linode, Docker, Kubernetes, Jenkins, Domain Management, Cloud Security
- **Infrastructure & Networking:** VPN, DNS, Firewall Configuration (iptables), Network Monitoring, Virtualization (VMware, VirtualBox, Proxmox), Linux (RHEL), Windows Server, Infrastructure Monitoring (Nagios)
- **Programming & Scripting:** Python, SQL, Bash, Basic Source Code Review

EXPERIENCE - INTERNSHIP

Cybersecurity Intern   Aug 2024 – Oct 2024

Tutelr (Remote)

- Developed skills in CHAPS and cybersecurity best practices.
- Gained hands-on experience with Linux environments and networking protocols.
- Engaged in continuous learning, staying current with the latest security trends and methodologies to apply in day-to-day operations.

PROJECTS

Security Lab - Self-Hosted Security Lab with Kali Linux, Docker, and AWS   Sept 2024

- Developed a personal cybersecurity lab using Kali Linux on repurposed hardware for hands-on practice in vulnerability assessment, and digital forensics.
- Deployed a Docker based Capture the Flag (CTF) environment on AWS EC2, configured with Nginx proxy manager, and hosted on a custom personal domain, enhancing cloud security and DevOps expertise.

DeFinance - Decentralised Lending and Borrowing of Digital Assets   June 2023 – Apr 2024

- Led a team of 4 in a research-driven project to develop a decentralized platform using blockchain technology, focusing on secure digital asset transactions.
- Authored and documented a detailed research paper outlining the platform's architecture, identified challenges, and proposed solutions.

EDUCATION

PG – Diploma in IT Infrastructure, Systems and Security (PG-DITISS)   Feb 2025 – Aug 2025
Sunbeam Institute of Information Technology, Pune – CDAC

B.E. in Computer Engineering with Honors in Cybersecurity   Jan 2021 – July 2024
A. P. Shah Institute of Technology, Thane
CGPA: 8.24

PUBLICATION AND CERTIFICATIONS

- "DeFinance: Decentralised Lending and Borrowing of Digital Assets" – Submitted in IEEE, SCES 2024
    - Research paper published link - https://ieeexplore.ieee.org/document/10652406, Sept 2024
- Google Cybersecurity Professional Certificate – Google, Nov 2024
- Zscaler Cybersecurity Fundamentals Associate – Zscaler, Oct 2023
- Palo Alto Networks Certified Cybersecurity Entry-level Technician (PCCET) – Palo Alto Networks, May 2023
- CCNA: Introduction to Networks – Cisco, Oct 2022
- AWS Machine Learning Foundations – AWS, Sept 2022
- AWS Academy Cloud Foundations – AWS, June 2022
- Cybersecurity Fundamentals – IBM, Sept 2021
- Introduction to Cybersecurity – Cisco, Sept 2021
- IT Essentials – Cisco, July 2021

VOLUNTEERING EXPERIENCE

- Organized and designed challenges for a Capture the Flag (CTF) event at Exalt 2023, a technical event at A. P. Shah Institute of Technology.
- Cybersecurity Club at A. P. Shah Institute of Technology - active member focusing on research initiatives and student training sessions.