

Madhuri Vitthal Patane

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Successfully certified in **Cybersecurity Program v5.0**, gaining expertise in Network Security, Linux, Vulnerability Assessment and Penetration Testing, Security Operation Control and GRC, SIEM, incident response. Skilled in applying cybersecurity best practices to protect systems and mitigate risks.

Experience:

South Indian Education Society, GST, Nerul

Lab Assistant

January 2024 – August 2024

- Maintaining Desktops in the Computer lab.
- Installing required software's in Computer lab according to the placement and Workshop / Seminar requirements.
- Providing support to the students in computer lab during the online examination and Placement exams.

Nucsoft Company – Client- Tata AIG Insurance, Andheri

Application Support Engineer

December 2021-December 2022

- Regularly work with Level 2 Support Engineer, Product Manager and Internal Engineering Teams.
- Use help desk data records/tracking and related applications to effectively address user issues.
- Take incoming calls from end users for various application issues
- Using MSSQL for analysis the issues for resolution.
- Daily policy syncing report checking.
- Provide proactive and reactive application support, and email

Education:

Bachelor of Engineering- Electronics & Electrical Engineering
New Horizon Institute of Technology – 2020- 63.39%

HSC- Maharashtra State Board
Mahatma Gandhi Mission – 2016- 63.69%

SSC- Maharashtra State Board
Terna Vidyalaya School – 2014- 75.20%

Certificates:

- **Certification – Cyber Security Program v5.0 (February, 2025)**
Issued: Tele Networks Technologies Private Limited
 - **Computer Network Certificate**
Issued: Scaler Foundation
Month-Year: February-2025
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Technical Skills:

- **Cyber Security:**

- Good understanding of Information gathering using OSINT tools, Proxy chaining, Stealth Scan, Firewall evading techniques such as- Packet Fragmenting, Ping Suppression, Decoying, Proxy chaining, Altering data lengths.
- Port Scanning using Nmap and NSE, Unicornscan- TCP and UDP scanning, Hping3- Predicting sequence numbers
- Operating system fingerprinting and then finding the vulnerabilities on exploit-db.- Practically performed MiTM attack using tools such as Arpspoof and Ettercap and later sniffed web session by using Wireshark and did packet analysis with the help of various capture and display filters.
- Backdoor creation using Metasploit framework
- Can perform vulnerability assessment using Nessus.

- **Networking:**

- Good understanding of OSI model, TCP/IP protocol suite (IPv4 addressing, ARP, ICMP, DHCP, TCP, UDP), Subnetting.
- Switching: VLAN.
- Routing: RIP v1/v2, EIGRP, OSPF, static Routing.
- Network Security: Understanding of DMZ, Internal LAN, WAN side of firewall, ACL, NAT, PAT.
- Remote VPN, Site-to-site VPN using template, policy, objects, interface, hostname configuration, Web filtering on FortiGate firewall (200D)-
- IPS and IDS.

- **Linux:**

- Solid knowledge of LINUX user management, file management, network management and task/process management commands.
- Ability to write bash scripts to automate tasks or tools.

- **Web Pen testing using Burp suite:**

- Client-side attacks – CSRF, XSS (Reflected, Stored, DOM-based)
- Server-side attacks – SQLi (Union-based SQLi, Blind-boolean-based SQLi, Blind-time- based SQLi, Error-based SQLi), Path traversal, RACE conditions, SSRF, File upload vulnerabilities

- **SOC:**

- End point security and tools. (EDR, MDR, XDR, SIEM, SOAR, Antivirus)
- Splunk: Forwarder, Indexer, Search head, uploading log event files (Apache logs, win/Linux system logs, firewall logs) in splunk server, search events using filters, creating alert and dashboard.
- Cyber Kill Chain Process.

- **GRC:**

- Types of policies
- Supply chain risk management
- CFAA, NIIPA, SOX, GDPR
- ISO 27000 Family of standards

Personal Details:

Date of Birth: 24 November 1998

Gender: Female

Hobbies: Designing

Languages: English, Hindi and Marathi

Declaration:

"I hereby declare that all the information provided in my resume is true to the best of my knowledge and belief"

Place: Nerul, Navi Mumbai

Date:

Signature