

FATHIMA DIYA PATTANI SHAIK

Cybersecurity Graduate | Protecting Networks, Securing Systems, Driving Innovation

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Summary

Honours **Cybersecurity Graduate** with a strong foundation in network defense, vulnerability management, and threat detection. Certified in **CompTIA Security+** and **CySA+**, with hands-on experience in configuring firewalls, performing vulnerability scans, analyzing security logs, and conducting web application security testing. Skilled in tools such as **Kali Linux, OpenVAS, Burp Suite, Wireshark, and Splunk**, and knowledgeable in **Active Directory, SIEM, and incident response procedures**. Passionate about leveraging technical skills and analytical thinking to enhance system security and contribute effectively to an organization's cybersecurity posture.

Educational Qualifications:

PGDM In Cybersecurity

May 2024 - Dec 2024

Georgian College| Barrie, Ontario , Canada

PGDM In Internet of Things and Machine Intelligence

May 2023 - Dec 2023

Sheridan College| Brampton, Ontario , Canada

Bachelors in Computer Application

June 2019 - March 2022

Calicut University| Calicut, India

Certifications:

- **Certified in CompTIA Security+**
- **Certified in CompTIA CySA+**

Experience:

Cybersecurity Intern | Cloudex369 IT Solutions Pvt. Ltd | Calicut, Kerala | May 2025 – Oct 2025

- Collaborated remotely with the development team to secure web and mobile applications through security controls and secure coding practices.
- Performed vulnerability scans on application code and server configurations, documenting findings and proposing remediation steps.
- Managed user access controls, monitored login activities, and maintained data integrity across hosted environments.
- Supported system hardening initiatives and implemented basic network security configurations to strengthen overall system resilience.
- Integrated security checks during application deployment, improving awareness of web and application security practices.

Technical Skills:

- **Networking & Security:**
 - Protocols: TCP/IP, DNS, DHCP, VPN, VLAN, TLS/SSL, SNMP
 - Firewalls: Palo Alto (6 months hands-on), pfSense
 - SIEM & Monitoring: Wazuh, Splunk

- Security Tools: Kali Linux, Burp Suite, Hydra, Volatility, Nmap, Metasploit
- Frameworks: NIST, ISO 27001 compliance, disaster recovery planning
- **Systems & Cloud:**
 - System Administration: Windows & Linux System Administration, VMware, VirtualBox
 - Cloud Platforms: AWS, Azure, Office 365 administration
 - Directory Services: Active Directory, Group Policy Management
- **Development & Documentation:**
 - Python, Java, JavaScript, and PowerShell scripting
 - Technical documentation (Word, Excel).

Professional Skills:

- Strong communication, problem-solving, adaptability, attention to detail, time management, initiative, and teamwork skills

Projects:

- **Network Vulnerability Assessment (OpenVAS):** Scanned a simulated enterprise network to identify vulnerabilities, analyzed risks, and proposed remediation strategies aligned with NIST standards.
- **Web Application Security Testing (OWASP Juice Shop):** Conducted penetration testing to exploit OWASP Top 10 vulnerabilities; provided mitigation and secure coding recommendations.
- **Log Analysis & Threat Detection (Splunk):** Configured Splunk to analyze logs, create dashboards, and generate alerts for suspicious activity and unauthorized access.
- **File Integrity Monitoring (Python):** Developed a Python tool using SHA-256 to detect unauthorized file changes and automate alerts.
- **Active Directory Security Lab:** Built an AD environment, implemented Group Policies, password rules, and access controls following least privilege principles.
- **Honeypot Deployment (Cowrie):** Deployed a honeypot to monitor attacker behavior, capturing IPs, commands, and payloads for threat intelligence.