Patel Ayush Padminkumar

+91 8758696379 | ayushp7424@gmail.com | portfolio website | github profile | linkedin profile

PROFILE SUMMARY

Aspiring SOC Analyst with foundational knowledge of security concepts and a strong desire to investigate and remediate alerts within Microsoft Azure and Microsoft 365 environments. Eager to contribute to a team responsible for threat research, incident response, and vulnerability management.

EDUCATION

Ganpat University   *Mehsana*

B.Tech in Computer Science Engineering, Specialization in Cyber Security   *Sept 2022 – 2026*

SKILLS

- **Cybersecurity Concepts:** Security Incident and Event Management (SIEM), Firewall, Intrusion Detection/Prevention Systems (IDS/IPS), Vulnerability Management, Log Analysis, Threat Modelling, Incident Response
- **Cloud Security:** Microsoft Azure Security Centre, Microsoft 365 Security Centre, Azure Sentinel, Microsoft Endpoint, Intune
- **Operating Systems & Networking:** Linux (CLI, Basic System Navigation), Windows Server, Active Directory, Group Policy, Network Protocols (TCP/IP, DNS, HTTP/S)
- **Tools & Platforms:** Wazuh (SIEM), Belkasoft Evidence Center, Autopsy, Burp Suite (Basic Usage), Wireshark, ExifTool, ConnectWise
- **Query Languages:** Kusto Query Language (KQL), SQL
- **Scripting:** PowerShell (Basic), Python (Basic)
- **Soft Skills:** Problem-Solving, Communication, Team Collaboration, Quick Learning, Analytical Thinking, Attention to Detail

EXPERIENCE

Udgham Science Academy   *Ahmedabad*

Head Tutor   *Jan 2023 – July 2023*

- Provided academic support and managed two junior tutors for ~50 students; developed strong cross-cultural communication skills while administering and grading examinations.

Ganpat University (SSRIP – Smart Garbage Management System)   *Mehsana*

Project Lead   *July 2023 – Sept 2023*

- Led team in developing a funded, cost-effective Smart Garbage Management System, implementing monitoring protocols and resolving runtime issues using Arduino micro-controller technology.

Ganpat University (WSRIP – Smart Irrigation System)   *Mehsana*

Project Team Member   *Feb 2024 – March 2024*

- Developed Python code for Raspberry Pi to ensure sensor data integrity, implemented an alarm system for detection and generated comprehensive sensor reading reports.

- Successfully developed a functional Employee Management System with comprehensive CRUD operations using .NET technology, demonstrating rapid learning and adaptability to new frameworks.

PROJECTS

Local Network Communication Application | March 2024

- Designed and implemented a console-based, multi-threaded chat application for real-time local network communication over TCP sockets, demonstrating proficiency in network programming, concurrent processing, and secure data exchange.
- [Github Repo](#)

Secured Server with Logs Monitoring| May 2024

- Developed and deployed a secure Minecraft server using Paper software and Radmin VPN for stable multiplayer connections, implementing Whitelist and Authentication plugins to prevent username spoofing and unauthorized access.
- [Github Repo](#)

ACHIEVEMENTS

- Hackathon Participation: Participated in Hackout 2023 Hackathon at DA-IICT, contributing to a team-based project. [(Certificate)](#)
- Aptitude Recognition: Placed in the top 37% in the Red Hat - IT Aptitude Test, demonstrating strong technical foundational knowledge. [(certificate)](#)
- Event Coordination: Served as Event Co-ordinator for the annual cultural event (Aaghaz) and various sports events, overseeing logistics and team collaboration.
- Online Content Creation: Managed and curated content for a personal YouTube Channel, demonstrating initiative and communication skills.
- Cybersecurity Competition: Participated in the UIU CTF (Capture The Flag) competition, honing practical cybersecurity skills. [Link](#)