Aditi Pandey

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EDUCATION

VIT Bhopal University — Bhopal, India
Bachelor of Technology in Computer Science and Engineering; CGPA: 8.59 — *Oct. 2022 – 2026*
- **Specialization**: Cyber Security and Digital Forensics

GN National Public School — India
12th Standard CBSE Board; Percentage: 74.6% — *2022*

N.S. Children Academy — India
10th Standard CBSE Board; Percentage: 91.5% — *2020*

PROJECT EXPERIENCE

SIEM Integration with AI Chatbot — Security Automation Project
Microsoft Sentinel & ChatGPT Integration
- **Integration**: Integrated Microsoft Sentinel with ChatGPT via Logic Apps to automate incident enrichment and response using AI-generated contextual insights from alerts.
- **Skills Developed**: Enhanced detection and triage capabilities, strengthened skills in log correlation, security automation and AI-driven threat analysis.

Microsoft Sentinel SIEM — Cloud Security Project
Real-time Cloud Threat Monitoring
- **Implementation**: Deployed Microsoft Sentinel to simulate real-time cloud threat monitoring with Microsoft Entra ID logs and created custom analytics rules.
- **Experience Gained**: Hands-on experience in SIEM data flow, incident lifecycle, dashboard visualization, log ingestion, threat detection, and cloud-based security operations.

Email Monitoring System — Python Development Project
Real-time Phishing Detection Tool
- **Development**: Developed a real-time monitoring tool for phishing and policy violations using Python, NLP, and machine learning.
- **Results**: Achieved 97% accuracy in phishing detection, reducing manual efforts by 60% and improving threat response time by 40%.

SKILLS

- **Technical Skills**: Java (Core & OOP), Python, HTML, CSS, JavaScript, Node.js, REST APIs, Linux, Network Security

- **Security Skills**: Penetration Testing, Cyber Threat Intelligence, Vulnerability Management, Offensive Security, SOC Analyst

- **Tools & Technologies**: Git, MySQL, PostgreSQL, Maltego, Autopsy, Wireshark, FTK, AWS, Azure, SIEM, Agile (Scrum)

- **Soft Skills**: Adaptability, Communication, Collaboration, Event Management, Problem-Solving

CERTIFICATIONS

- **IBM Cyber Security Analyst**: Professional certification in cybersecurity analysis and incident response.
- **Foundations of Cyber Physical Systems - NPTEL**: Certification course by Indian Institute of Technology, Kharagpur.
- **SOC Fundamentals**: Security Operations Center fundamentals and best practices.
- **Additional Certifications**: IBM GenAI, Introduction to C++ - Skillup.

ACHIEVEMENTS & EXTRA-CURRICULARS

- **Amex Girl Hackathon 2024**: Selected up to the prototype selection round for the American Express Girl Hackathon 2024.
- **Cyber Physical Systems Certification**: Successfully completed certification course by Indian Institute of Technology, Kharagpur.
- **LetsDefend Lab**: Caught the first alert and investigated the first incident at LetsDefend cybersecurity lab.
- **Professional Experience**: Completed Cyber Job Simulation at Deloitte, gaining practical industry experience.
- **Languages & Hobbies**: Languages: English, Hindi — Hobbies: Dance, Drawing, Reading

RELEVANT COURSEWORK

- **Core Courses**: Cyber Physical Systems, Cybercrime and Laws, Advanced Cyber Security, Computer Networks

- **Specialized Courses**: Forensic Chemistry, Digital Forensics, IBM GenAI, IBM Cyber Security Analyst