

Aditi Pandey

LinkedIn: <https://www.linkedin.com/in/aditi-pandey-033b38251/>

GitHub: <https://github.com/AditiPandey-111>

Email: aditineerajpandey@gmail.com

Mobile: +91 9555383986

Education

- **VIT Bhopal University**

Bachelor of Technology in Computer Science and Engineering; CGPA: 8.59

Specialization: Cyber Security and Digital Forensics

Bhopal, India

Oct. 2022 – 2026

Skills

- JAVA, Python, SQL, JavaScript.
- VAPT, Web Application Security, SIEM, SOC Operations, Network Security, Cloud Security(AWS, AZURE), Scripting.
- Unit Testing, Software Vulnerability Testing.

Project Experience

- **SIEM Integration with AI Chatbot Security Automation Project** — *Microsoft Sentinel & ChatGPT Integration*

Integration: Integrated Microsoft Sentinel with ChatGPT via logic applications 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.

Impact: Reduced incident response time by 50% and improved threat detection accuracy through automated AI-powered analysis.

- **Microsoft Sentinel SIEM Cloud Security Project** — *Real-time Cloud Threat Monitoring*

Implementation: Microsoft Sentinel was deployed 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 visualisation, log ingestion, threat detection, and cloud-based security operations.

Achievement: Successfully implemented a comprehensive monitoring solution that covers 15+ types of security events with real-time alerting capabilities.

- **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.

Implementation: Using NLP techniques and ensemble machine learning models for robust email content analysis and threat classification.

Results: Achieved 97% accuracy in phishing detection, reducing manual efforts by 60% and improving threat response time by 40%.

Certifications

- **IBM Cyber Security Analyst:** Professional certification in cybersecurity analysis and incident response.
- **SOC Fundamentals:** Security Operations Centre Fundamentals and Best Practices.

Achievements & Extra-Curriculars

- **Amex Girl Hackathon 2024:** Selected up to the prototype selection round for the American Express Girl Hackathon 2024.
- **LetsDefend Lab:** Successfully caught the first alert and investigated the first incident at LetsDefend Lab.
- **Core Courses:** DBMS, Computer Networks, Operating System, OOPS, IBM Gen AI.
- **Cybersecurity Courses:** Cyber Physical Systems, Cybercrime and Laws, Advanced Cyber Security, Forensic Chemistry, Digital Forensics, Ethical Hacking.

Languages & Hobbies

Languages: English, Hindi **Hobbies:** Writing, Badminton, Dance.