

# UDAY GUPTA

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## EDUCATION

### Institute of Technology and Management (Affil. by RGPV)

Bachelor's of Technology in Information Technology | Percent : 83.7%

Gwalior, India

Sep. 2020 – June 2024

### Indira Gandhi Memorial H.S. School

MPBSE 12th Percent: 79.4%

Bhind, India

July 2020

## SKILLS

**Technical** : Information Security, Networking, Linux, Risk Analysis, Endpoint Detection and Response, Vulnerability Assessment and Penetration Testing, Incident Response, SOC, SIEM Tools

**Soft Skills** : Communication, Presentation, Flexibility, Creative Solutions, Efficient Planning, Thoroughness

**Languages** : Python, Bash Scripting, Powershell, Structured Query Language (SQL), HTML

**Tools** : Burp-Suite, Wireshark, Metasploit, Nessus, Nmap, OWASP ZAP, Splunk, ELK, Snort, Zeek

## EXPERIENCE

### Junior Technical Support Engineer

February 2024 – Present

*Nebero Systems Pvt. Ltd.*

*Mohali, Punjab*

- Optimized 100+ network infrastructures for performance and security using Wireshark and Snort; decreased downtime by 10% and detected 20% of potential threats in real-time
- Conducted detailed network and security assessments using Nmap, Burp Suite, Nessus, and 10+ tools; implemented remediation strategies and lowered system vulnerabilities by 20%.
- Automated repetitive support tasks using Bash and Python scripts, leading to a 10% boost in efficiency and saving the team 10 hours of manual work weekly.

### Network Security Associate Intern

September 2023 - November 2023

*Fortinet*

*Remote*

- Strengthened college cybersecurity through detailed vulnerability assessments and deployment of 50+ mitigation techniques, resulting in a 15% decrease in security incidents.
- Conducted 30+ comprehensive security assessments using advanced networking tools; developed and enforced security policies that reduced potential vulnerabilities by 20% and enhanced overall system integrity.

### CyberSecurity Intern

May 2023 - July 2023

*Palo Alto Networks*

*Remote*

- Assisted with threat detection and incident response by integrating 15+ advanced tools, reducing incident resolution time by 20% and improving security analysis accuracy by 10%.
- Enhanced SOC capabilities by implementing advanced traffic analysis, IDS, IPS, and security policies; achieved 24/7 threat detection using 3 SIEM tools, reducing security incidents by 20%.

## PROJECTS

### Information Gathering Tool ([InfoScout](#)) | Bash Scripting, HTML, Python, Security Tools

- Engineered a sophisticated automation tool that streamlined the information-gathering process, reducing task completion time by over 2 hours per task, and enhancing team productivity by 25%
- Engineered and implemented an automated reconnaissance system using 10+ security toolkits, generating a detailed Report Page.
- Uncovered more than 5 subdomains per scan, captured detailed screenshots, scraped comprehensive Wayback data, performed extensive Nmap scans, gathered critical DNS information, and executed Dirsearch for directory enumeration.

### News Feed Application ([NewsAPI](#)) | Python, NewsAPI Client, and Win32Com Module

- Curated and disseminated news on over 1,000 user-defined topics, ensuring users remained informed and engaged, leading to a 20% increase in user retention and satisfaction rates.
- Formulated to deliver top 10 headlines in both text and audio formats, increasing daily engagement by 40%.

## CERTIFICATIONS

Certified in Cybersecurity (ISC2) : [Link](#)

In Progress

Fortinet Certified Associate in Cybersecurity (Fortinet) : [Link](#)

October 2023

Fundamentals of Cybersecurity [EDU-102] (Zscaler) : [Link](#)

May 2024

AWS Academy Cloud Graduate (AWS Academy) : [Link](#)

April 2023

Pentesting with Python (BittenTech) : [Link](#)

May 2023