



Shivam Kumar

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Aspiring Cybersecurity Professional passionate about ethical hacking, network defense, and digital forensics. Seeking an internship to apply and grow technical skills in real-world cybersecurity operations.

Education

Darbhanga College of Engineering

B.Tech in Computer Science and Engineering (Cybersecurity)

1st Year / 2nd Semester

Bihar, India

2024–Present

Certifications

Cisco Networking Academy – Ethical Hacker

Fortinet Certified Associate in Cybersecurity

Cisco Networking Academy – Junior Cybersecurity Analyst Career Path

Cisco Networking Academy – Introduction to Cybersecurity

Virtual Experience

Tata – Forage

Cybersecurity Analyst (Virtual Internship)

2025

- Conducted vulnerability assessments and practiced incident response.
- Worked on identity & access management and network monitoring tasks.

Mastercard – Forage

Cybersecurity Analyst Intern (Virtual Internship)

2025

- Simulated SOC operations and cyber incident investigations.
- Performed access control analysis and vulnerability management.

AIG – Forage

Cybersecurity Intern (Virtual Internship)

2025

- Supported digital security operations and cyber risk management.

Technical Skills

Cybersecurity: Threat Detection, Incident Response, Risk Assessment, SOC Fundamentals

Tools: Burp Suite, Wireshark, Nmap, VirtualBox, Linux

Programming: Python, C, Bash, HTML, CSS, JavaScript

Networking: Network Security, Penetration Testing, IAM, Virtualization

Soft Skills: Analytical Thinking, Problem Solving, Teamwork, Communication

Projects

Network Monitor Tool: Developed a Python tool to monitor network traffic and log unusual activity.

Password Manager: Built a secure password manager with encryption for safe password storage.

Linux Security Script: Created a Bash script to automate Linux updates and perform security checks.

Network Port Scanner: Developed a Python-based TCP/UDP port scanner with banner grabbing and JSON/CSV output.

Languages

English: Fluent

Hindi: Fluent