

Kanishk Rai

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Aspiring Cybersecurity Specialist with practical experience in CVE analysis, SIEM system development, and Linux-based environments. Passionate about threat detection, automation, and building efficient, secure systems through hands-on learning and collaborative projects.

Education

Bennett University, Greater Noida

B.Tech in Computer Science and Engineering (Specialization in Cyber Security)

Expected Graduation: 2027

CGPA: 8.2

Prestige Public School, Indore, Madhya Pradesh, India

June 2008 – June 2022

12th Grade (2022): 82%

10th Grade (2020): 82%

Technical Skills

- **Programming:** Python, C++
- **Scripting:** Bash
- **Platforms:** Linux
- **Web Development:** MERN Stack (MongoDB, Express.js, React, Node.js)

Work Experience

Cybersecurity Intern – Cisco AICTE Virtual Internship Program

Cisco Networking Academy | Jun 2025 – Aug 2025

- Gained practical experience in network security analysis, including monitoring, detection, and problem-solving on simulated scenarios.
- Applied cybersecurity concepts to real-world inspired problem statements, strengthening incident detection and response skills.

Co-Curricular Activities

Junior Research Team Member

Cipher – Cybersecurity Club, Bennett University | Duration: 1 Year (2023-25)

- Researched and analyzed CVEs from the NIST database, staying up-to-date with emerging vulnerabilities.
- Wrote concise explanations of CVEs to help the team understand their impact and exploitability.
- Participated in hands-on simulations of vulnerabilities to gain practical experience in exploiting and mitigating them.

Projects

1. Scythe: The Future Terminal for Pentesting (WIP)

Scythe is an AI-powered security testing terminal designed for pentesters, security analysts, and bug bounty hunters. Key features include:

- Multi-terminal support, automation, session tracking, and a built-in AI assistant.

2. Exploring Network Security with a Custom SIEM System

Developed a SIEM system for real-time monitoring, detection, and response to security events using Elastic Stack, MySQL, and Linux Logs.

- Key outcomes:
 - Successfully detected and correlated security events in real-time.
 - Implemented automated alerts stored in a MySQL database for comprehensive analysis.

3. Web Profile

Worked on personal web profile where I blog about my projects and research work. The page also serves as a contact point for others.

Certifications

- Google Cybersecurity Professional Certificate (Coursera)
- Intro to Cybersecurity, Intro to Packet Tracer, & Junior Cybersecurity Analyst Career Path (Cisco Networking Academy)

Achievements & Interests

- **CTF Competitions:** Active participation in CTFs, solving challenges across cryptography, pwn, web, and reverse engineering.
- **Hackathons:** Collaborated with cross-functional teams in 3 hackathons, delivering the results under 24-hour deadlines.