Kunal Goyal

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SUMMARY

Motivated CSE student (VIT Bhopal University) graduating in 2026, specializing in Cyber Security. Intern at The Red Users and ENCODERSPRO, skilled in Wireshark, Java, AWS, SQL. CEH-certified.

EXPERIENCE

Cyber Security Intern

Encoderspro   **June 2025 – July 2025, Remote**

· Learned bug bounty hunting, vulnerability assessment, and CTF challenges at Encoderspro as a Cybersecurity Intern.
· Developed skills in penetration testing and network security.
· Designed and built an Advanced Port Scanner Tool as a capstone project.
· Streamlined detection of open ports and potential vulnerabilities through the tool.

Cyber Security Analyst Intern

The Red Users   **April 2025 – May 2025, Remote**

· Captured and analyzed network traffic using Wireshark to identify suspicious activity and understand protocols like TCP, UDP, and HTTP.
· Developed skills in creating and applying Wireshark filters to detect anomalies, such as port scans or unauthorized access attempts.
· Utilized cybersecurity tools (e.g., Nmap, Snort) to support network monitoring and simulate attack scenarios.
· Documented packet analysis findings, enhancing technical reporting and communication skills for security assessments.
· Collaborated with team members on tasks to strengthen practical knowledge of network security and threat detection.

EDUCATION

B.Tech in CSE (Spl. in Cyber Security & Digital Forensics)

VIT Bhopal University · Bhopal, MP · 2026 · 8.09

· Passionate about coding, problem-solving, and teamwork. Eager to innovate and contribute to secure technology solutions.

CERTIFICATIONS

Certified Ethical Hacker

EC Council · 2024

· The EC-Council's Certified Ethical Hacker (CEH) certificate is highly relevant to my career in cybersecurity, serving as a globally recognized credential that validates my expertise in ethical hacking, security assessment, and threat mitigation. This certification aligns seamlessly with my hands-on experience using Wireshark for detailed network traffic analysis, identifying anomalies, and developing an Intrusion Detection System during my internships at The Red Users and ENCODERSPRO PRIVATE LIMITED. It enhances my employability by demonstrating practical skills in identifying vulnerabilities, conducting penetration testing, and implementing effective security measures, providing a significant competitive edge in the cybersecurity field. Additionally, the CEH credential underscores my commitment to staying updated with industry standards, further strengthening my ability to contribute to secure system design and protect against evolving cyber threats.

SKILLS

Java Programming & DSA: Proficient in Java, with strong expertise in implementing and optimizing data structures and algorithms , applied to solve complex problems during Hackathons and internship projects like the Intrusion Detection System.

Ethical Hacking: Skilled in ethical hacking principles and vulnerability assessment, reinforced by EC-Council Certified Ethical Hacker (CEH) certification and hands-on internship experience with Wireshark and intrusion detection.

My SQL Database Management: Proficient in SQL and database design, administration, and querying, supporting efficient data handling in cybersecurity and development tasks.

AWS Cloud Computing (Foundational): Hands-on expertise in AWS services and cloud fundamentals, enhancing scalability and security of projects through practical application.

Vulnerability Assessment: Skilled in identifying, analyzing, and mitigating security vulnerabilities using ethical hacking techniques and tools like Wireshark, applied during internships to enhance system security and protect against potential threats.

HTML and CSS: Proficient in HTML and CSS, utilized to design and develop user-friendly interfaces for the rural connectivity platform during internships, enhancing accessibility and integration of welfare schemes and e-commerce features.