

Ankit Kumar

Objective

Detail-oriented and adaptive IT professional with hands-on experience in system administration, cybersecurity, and technical troubleshooting. Skilled in conducting CIS Benchmark audits, performing vulnerability assessments with tools like Nmap and Metasploit, and managing firewall monitoring and incident response. Passionate about securing digital environments and rapidly learning emerging technologies. Seeking a challenging role where I can apply my expertise in digital forensics and system optimization to enhance organizational security and efficiency.

Education

University of Engineering & Management, Jaipur

Bachelor of Technology, Computer Science & Engineering (2022–2026)

- Relevant Coursework: Data Structures & Algorithms, Software Engineering Principles, Cloud Computing
- Ongoing hands-on learning through hackathons, team projects, and independent contributions to open-source tools

Experience & Leadership

❖ Finalist – Advanced Windows Security Application, Ace Hack 4.0 (March 2025)

- Led a team to develop a comprehensive Windows security tool using Java Swing, Python, and machine learning.
- Key features included junk file clean up, diagnostics, firewall monitoring, CIS audit, blockchain-based licensing, and static/dynamic malware scanning.
- Earned finalist recognition at Ace Hack 4.0 for innovation and impact among 400+ competing teams.

❖ Team Leader – HackUEM, College-Level Hackathon (4th Place)

University of Engineering & Management, Jaipur – 2024

- Secured 4th position among top college teams by developing an innovative solution during a 24-hour hackathon. Gained hands-on experience in rapid prototyping, teamwork, and applying emerging technologies under pressure.

Projects

❖ Advanced Windows Security Application (Java Swing, Python, Batch, Blockchain, ML)

Built a standalone security tool with modules for junk file clean up, diagnostics, firewall monitoring, CIS audits, and malware scanning using both static and dynamic ML models. Featured blockchain-based licensing.

Technical Skills

- **Languages:** Python, Java (Swing), Batch scripting, C, C++ (fundamentals)
- **Operating Systems:** Windows, Linux
- **Security Tools & Frameworks:** Nmap, Metasploit, Aircrack-ng, Autopsy, Firewall monitoring
- **Cybersecurity Practices:** Vulnerability scanning, penetration testing, CIS Benchmark audits, incident response, malware detection
- **System Administration:** IT support, performance optimization, diagnostics, data recovery & backup
- **Other Technologies:** Blockchain (for feature licensing), Machine Learning (malware detection)