

Rahul Kumar Jagat

MCA (CyberSecurity Specialization)

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Summary

MCA student with a solid foundation in cybersecurity, ethical hacking, and vulnerability analysis. Certified Techunique Certified Cybersecurity Professional (TCSP), Certified Red Team Analyst (CRTA), Cisco Ethical Hacker, and Fortinet Cyber Security Associate. Currently pursuing CompTIA Security+ certification.

Passionate about cybersecurity with hands-on experience developing a VS Code extension for automated dependency vulnerability scanning and fixing. Eager to contribute and learn in a dynamic security team.

Experience

Professional developments and projects:

- **VS Code Dependency Scanner Extension**
Created a VS Code extension to detect and fix vulnerable project dependencies using public security databases.
- **Vulnerability Assessment & Penetration Testing**
Performed security testing in lab setups using tools like Nmap, Nessus, and Burp Suite to find and fix system vulnerabilities.
- **Active Directory Homelab (VMware)**
Built a virtual lab with Windows Server and AD to practice real-world red teaming skills like privilege escalation and enumeration.

Internship Experience

Advanced Malware Analysis Intern:

- ICDFFA (International Cyber Defence and Forensics Academy)
- Duration: 4 Months (Remote)
- Analyzed real malware samples using REMnux and FLARE VM. Performed static and dynamic analysis, reverse engineering, and behavior profiling of advanced threats in isolated environments.

Skills & tools

- **Cybersecurity tools:** Kali Linux, Metasploit, Wireshark, Burp Suite, Nmap, Nessus, FortiGate
- **Programming languages:** Python, C, Rust
- **Operating systems:** Windows, Linux (Ubuntu, Kali), VMware
- **Networking:** TCP/IP, VPN, Firewall Configuration, IDS/IPS

Certifications

- Technique Certified Cybersecurity Professional (TCSP) — The Technique Academy
- Certified Red Team Analyst (CRTA) — CWL Labs
- Cisco Ethical Hacker Certification — Cisco
- Fortinet Cyber Security Associate — Fortinet
- CompTIA Security+ (In Progress) — Infosys Springboard

Education

Master of Computer Applications (MCA)

ITM University, Raipur

Expected Graduation: June 2026

Bachelor of Science in Computer Science (B.Sc)

Smart Gurukul Degree College, Nabarangpur

Graduated: July 2024 | Percentage: 80%

Relevant coursework:

- Network Security
- Ethical Hacking

- Vulnerability Analysis
- Cyber Threat Intelligence
- Malware Analysis