Ankit Kumar Singh

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Vadodara, Gujarat, India

EDUCATION

Parul University — Vadodara, Gujarat
Bachelor of Technology in Computer Science (Cybersecurity) — *Sept. 2023 – Aug. 2027*

- Specialization: Information Security, Threat Mitigation, Digital Defense, and Vulnerability Analysis
- Relevant Coursework: Network Security, Ethical Hacking, Cloud Computing, Cryptography

EXPERIENCE

Cybersecurity Intern — Feb. 2025 – Mar. 2025
Hacktify Cyber Security — *Gujarat, India*

- Applied advanced threat detection techniques and security protocols to identify vulnerabilities in web applications and network infrastructure
- Conducted penetration testing and vulnerability assessments following industry-standard methodologies including OWASP Top 10
- Collaborated with security teams to develop incident response procedures and security documentation
- Analyzed security logs and network traffic to detect potential threats and anomalous behavior

Cybersecurity Intern — Jan. 2025 – Feb. 2025
Edunet Foundation — *Remote*

- Performed comprehensive security assessments on cloud infrastructure and implemented security best practices
- Developed automated scripts for vulnerability scanning and security monitoring using Python
- Researched emerging cybersecurity threats and prepared technical reports on mitigation strategies
- Assisted in security awareness training and created educational materials on cybersecurity fundamentals

PROJECTS & ACHIEVEMENTS

Bug Bounty Hunter: Actively participate in bug bounty programs, identifying and reporting security vulnerabilities in web applications, demonstrating proficiency in OWASP testing methodologies and responsible disclosure practices

CTF Competitions: Regular participant in Capture The Flag competitions, solving challenges in cryptography, forensics, web exploitation, and reverse engineering to sharpen practical security skills

Security Research: Conduct independent research on emerging threats, vulnerability analysis, and exploit development techniques to stay current with evolving security landscape

TECHNICAL SKILLS

Security Skills: Penetration Testing, Vulnerability Assessment, Threat Analysis, Incident Response, Security Auditing, OWASP Top 10

Network Security: Network Protocols (TCP/IP, DNS, HTTP/HTTPS), Firewalls, IDS/IPS, Network Traffic Analysis, Wireshark

Programming Languages: Python, Bash, SQL, C/C++, JavaScript

Security Tools: Burp Suite, Metasploit, Nmap, Wireshark, OWASP ZAP, Nikto, SQLMap, John the Ripper, Hashcat

Cloud & DevSecOps: Cloud Computing (AWS, Azure), Docker, CI/CD Security, Infrastructure as Code

Operating Systems: Linux/Unix, Windows, Kali Linux, Parrot Security OS

Cryptography: Encryption Algorithms, Hash Functions, Public Key Infrastructure, SSL/TLS

CERTIFICATIONS

Android Bug Bounty Hunting: Hunt Like a Rat
Cryptography and Network Security
Introduction to Cybersecurity
Diving Deep in Cyber Security
A Practical Introduction to Cloud Computing