

AYUSH SINGH

+91 8920587285 | a.s.kshatriya99@gmail.com | Jaipur | <https://www.linkedin.com/in/ayush-singh-kshatriya/>

ABOUT ME

I'm a cybersecurity enthusiast and aspiring ethical hacker with hands-on experience in penetration testing, OSINT, and securing web applications. Currently pursuing my BCA (Hons) from Manipal University Jaipur, I combine a strong foundation in programming with a growing specialization in cybersecurity. I'm actively preparing for the CEH theory & Master certification while building a strong portfolio of cybersecurity projects, certifications, and published articles to demonstrate my expertise and commitment to the field.

PROFESSIONAL SKILLS

CYBERSECURITY	OSINT	CYBER KILL CHAIN	SOCIAL ENGINEERING	CRYPTOGRAPHY BASICS
THREAT INTELLIGENCE	PHISHING ANALYSIS	OSI MODEL	BURP SUITE	DATA FORENSICS
FIGMA	HTML	CSS	PYTHON	NETWORKING
				PENETRATION TESTING

EXPERIENCE

JUNE (2025) Present

ETHICAL HACKING INTERN
HUMAN INITIALS- REMOTE

- Performed reconnaissance, scanning, and enumeration tasks on simulated environments using tools like Nmap and Burp Suite.
- Identified and documented vulnerabilities based on OWASP Top 10, including SQL Injection and XSS.
- Gained hands-on exposure to penetration testing workflows and OSINT techniques in real-world scenarios.

CERTIFICATIONS & BADGES

(2025) Present

- Google Cybersecurity Professional Certificate
- Google Cloud Cybersecurity
- Cybersecurity Attack and Defense Fundamentals (EC-Council)
- Introduction to Networking (NVIDIA)
- Junior Cybersecurity Analyst Career Path (NetAcad Cisco)
- Networking Basics (NetAcad Cisco)
- Introduction to IoT (NetAcad Cisco)
- Ethical Hacker (NetAcad Cisco)
- Introduction to Cybersecurity (NetAcad Cisco)
- Cyber Job Simulation (Deloitte)
- 7+ Cybersecurity Badges on Credly (e.g., Secure Coding, Network Defense, Threat Intelligence)
- Credly link: <https://www.credly.com/users/ayush-singh.kshatriya/>



PUBLISHED ARTICLES

(2024 - 2025)

CYBERSECURITY & HTB WRITEUPS

- Can You Turn a Normal USB into a Bad KB? Exploring the Limits and Cybersecurity Uses
- Protecting Your Privacy: OPSEC Basics for Everyone
- How Casual Browsing Uncovered a Chain of Critical Vulnerabilities (and What I Did Next)
- Hack The Box (Meow Tier-0) & more available on medium
- Medium Link: <https://medium.com/@ayushsinghkshatriya>
- Github Link: <https://github.com/ASRAYUSHSINGH>



EDUCATION

Course/ Examination	Institution	Passing Year
BCA HONS (Software Product Engineering)	Manipal University Jaipur	2027 (Ongoing)
HSC	Delhi Public School, Greater Faridabad	2023
SSC	Aravali International School, Greater Faridabad	2021



EXTRA CIRICULAR SECTION

- Won ACM X Ono: 404 Not Found Hackathon (2024)
Built secure web application emphasizing input validation, user session management, and API security
- Deloitte Australia Cyber Job Simulation on Forge - June 2025
Completed a job simulation involving reading web activity logs
Supported a client in a cyber security breach
Answered questions to identify suspicious user activity



OTHER HOBBIES

- Won several sketching and dancing competition, showcasing my creativity and talent in both fields.