

ANKIT VERMA

Cybersecurity

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OBJECTIVES:

Highly motivated and detail-oriented Computer Science graduate with a specialization in Information Security and hands-on experience in ethical hacking, vulnerability assessment, and secure web development.

RELEVANT PROJECTS:

Automated Vulnerability Scanner Tool (2025)

A web-based **security tool** to automate the detection of vulnerabilities in networks and web apps.

- Integrated Nmap to scan open ports and detect 90%+ common network misconfigurations.
- Used **OWASP ZAP API** for automated scanning of web apps to identify **OWASP Top 10 risks**.
- Exported security reports in PDF format, improving analysis **efficiency by ~40%**.

Two-Factor Authentication (2FA) System (2024)

Built a secure login flow for web apps with multi-layered **authentication** and anti-brute-force measures.

- Implemented **OTP-based 2FA** via email and Google Authenticator.
- **Secured login** endpoints using bcrypt hashing, JWT tokens, and session expiry control.
- Achieved a **70% increase** in account security compared to single-factor login in internal testing.

Car and Bike Rental Website (2023)

Full-stack **rental service web app** with secure user management and booking systems.

- User authentication system with hashed passwords and session management.
- **Real-time vehicle** availability using **backend APIs** connected to MongoDB.
- Users can browse, filter, and **book from 25+ vehicle options**, with email confirmations.

EDUCATION:

2022–2026 | Chandigarh University

Bachelor of Computer Science – Information Security (CGPA: 7.57)

2022 | Vypar Mandal Public School

Senior Secondary (Percentage: 80%)

SKILLS AND COMPETENCIES:

- **Security Software:** Wireshark, Kali Linux, Metasploit, Nessus, Burp Suite
- **Security Practices:** Incident Response, Risk Assessment, Secure Network Architecture, Penetration Testing, Cryptography, Access Control Models
- **Development & Web Technologies:** React, Node.js, Flask, HTML, CSS, JavaScript, Bootstrap
- **Programming:** Python (Intermediate), Java (Basic), C++ (Intermediate), Bash (Intermediate)
- **Operating Systems & Tools:** Linux (Proficient), Windows Server (Proficient), VMware (Proficient), Docker (Basic), AWS Security (Basic), Git (Basic)
- **Interpersonal Skills:** Critical Thinking & Problem-Solving Effective Communication & Technical Reporting Adaptability & Continuous Learning Collaborative Teamwork

CERTIFICATES:

- Google Cybersecurity(Coursera)
- Cisco Ethical Hacker(Cisco)
- Udemy Full Stack Developer(Udemy)
- JP Morgan Cybersecurity Job Simulation(Forage)