

# Jyoti Yadav

Bachelor's of Engineering in I.T  
University of Mumbai

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🐙 GitHub Profile  
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## EDUCATION

### •VidyaVardhini's College of Engineering, Mumbai

2022

Bachelor's of Engineering in Information Technology

CGPA: 7.00

## EXPERIENCE

### •Astra Cybertech

July 2025 – September 2025

Web VAPT Intern

Remote

- Conducted Web Application Vulnerability Assessment and Penetration Testing (VAPT).
- Performed manual and automated security testing using Burp Suite, OWASP ZAP, and Nmap.
- Identified vulnerabilities such as Missing Security Headers, Insecure HTTP Methods, Directory Listing, and Exposed Sensitive Files.
- Created structured vulnerability reports with risk rating, impact analysis, and mitigation steps aligned with OWASP Top 10.
- Re-tested applications after remediation to validate security fixes.

### •Coding Ninjas

June 2023 – March 2024

Web Development Intern

Remote

- Developed and maintained web applications using HTML, CSS, JavaScript, React.js, and Node.js.
- Strengthened understanding of web application architecture and client-server communication relevant to web security.

### •Ixora

September 2024 – January 2025

Freelance UI Designer

Remote

- Designed UI components for an e-commerce website using React.js, Vite, and Tailwind CSS.
- Gained hands-on exposure to real-world application workflows and front-end attack surfaces.

## PERSONAL PROJECTS

### •Web Application Security Testing

2025

Manual and tool-based security assessment of vulnerable web applications

- Tools Technologies: Burp Suite, OWASP ZAP, Nmap, Kali Linux
- Identified OWASP Top 10 issues such as XSS, SQL Injection, and Security Misconfigurations with remediation steps.

### •Secure Web Application Development

2024

Developed and analyzed a web application with focus on security best practices

- Tools Technologies: HTML, CSS, JavaScript, React.js
- Implemented basic input validation and reviewed front-end attack surfaces.

## TECHNICAL SKILLS AND INTERESTS

**IT Networking:** Windows, Linux, File Systems, System Processes, TCP/IP, Subnetting, DNS, DHCP, NAT, Firewalls, VPNs, OSI Model, Ports, Protocols

**Cybersecurity Concepts:** Malware, Phishing, Social Engineering, Vulnerabilities Risk, CIA Triad, OWASP Top 10

**Web Technologies:** HTML, CSS, JavaScript, HTTP/HTTPS, Cookies, Sessions, APIs

**Security Tools:** Burp Suite, Nmap, Wireshark, Kali Linux

**Areas of Interest:** Web Application Security, VAPT

## CERTIFICATIONS

### •Offensive Security Internship Certification

Hands-on Web Application VAPT, vulnerability identification, reporting, and remediation — **Astra Cybertech**

### •Introduction to Cybersecurity

Cybersecurity fundamentals, CIA Triad, common threats, cyber hygiene, and security controls

### •Introduction to Networking

Networking fundamentals including TCP/IP, DNS, DHCP, subnetting, and LAN/WAN concepts