

GURAVASALA ASHOK KUMAR

Penetration tester

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SKILLS

- **Penetration Testing:** Web Application security, OWASP Top 10, Network security
- **Tools:** NMAP, Nessus, Wireshark, Burp Suite, Shodan, gobuster, SQL Map, Hydra, John The Ripper, Metasploit
- **Programming & Scripting:** Python, Bash, SQL
- **Operating Systems:** Windows, Linux
- **Security Concepts:** TCP/IP, VPN, Firewall, IDS, IPS, CIA Triad, Incidence Response, Malware analysis, Phishing analysis
- **Additional Tools:** VirusTotal, Anyrun, CyberChef, SIEM, EDR, XDR

SOFT SKILLS

- Communication skills
- Analytical thinking
- Problem solving

CERTIFICATION

- Cybersecurity Virtual Internship (Forge)
- Malware Attack Simulation (Forge)
- Ethical Hacking Masterclass
- Microsoft student SOC Program foundation training

ACHIVEMENTS

Awarded Man of the Match for outstanding team contribution

PROFILE

Aspiring **Penetration Tester & Security Analyst** with hands-on experience in **offensive security, vulnerability detection, and incident response**. Skilled in penetration testing of web applications (OWASP 10), and networks. Skilled in using tools like Wireshark, nmap, Burp Suite, and Python to find security gaps, test them, and suggest fixes to make systems safer. Eager to start my career in cybersecurity, contribute to real projects, and grow alongside experienced professionals.

EDUCATION

- 2021 - 2025 **Bachelor of Computer Science and Technology**
Parul University of Engineering and Technology
July 2025 Bachelor of Computer Science and Technology
Cybersecurity
Parul University of Engineering and Technology, Vadodra, Gujarat, India
CGPA: 7.78

PROJECTS

College Project

DDoS Detection Using AI

- Developed a smart firewall leveraging **AI anomaly detection** to identify and mitigate DDoS attack patterns in real-time.
- Designed proactive **alerting and prevention mechanisms** to strengthen resilience against denial-of-service incidents.

Personal Projects

Web Application Penetration Testing (Simulated Environment)

- Performed **manual penetration testing** on a demo application.
- Identified vulnerabilities including **SQL Injection, XSS, CSRF, and IDOR**, referencing the **OWASP Top 10**.

Mobile Application Penetration Testing

- Conducted security testing of Android application in a lab setup.
- Discovered issues such as **broken authentication, insecure data storage, and excessive data exposure**.
- Used **Burp Suite** to validate vulnerabilities and prepare a remediation guide.

ASSOCIATIONS

- Represented school in district-level cricket tournament
- Awarded Man of the Match for outstanding team contribution

DECLARATION

I hereby declare that all the information furnished above is true and correct to the best of my knowledge and belief.

Place: Hyderabad
Guravasala Ashok Kumar