

# Garvit Ranka

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## Professional Summary

Cybersecurity student with hands-on VAPT experience and certifications from Microsoft, Oracle, and Google. Actively learning data science to enhance analytical skills. Seeking an entry-level security role to apply a diverse and growing technical skill set.

## Skills

- **Cybersecurity:** Vulnerability Assessment & Penetration Testing (VAPT), Identity and Access Management (IAM), SIEM (e.g., Splunk), Network Monitoring (Wireshark), Social Engineering, OWASP Top 10
- **Cloud Technologies:** Oracle Cloud Infrastructure (OCI), Microsoft Azure, Azure AI
- **Programming Languages:** Python, Java, C/C++, SQL
- **Tools & Technologies:** Burp Suite, OWASP ZAP, Nmap, Linux, Postman API
- **Professional:** Technical Documentation, Leadership, Troubleshooting
- **Languages:** English (Proficient), Hindi (Fluent), Gujarati (Fluent)

## Professional Experience

Cybersecurity Intern | Hackify Cyber Security  
Feb 2025 – Mar 2025

- Performed VAPT on various sandboxed web applications in a simulated lab environment using Burp Suite, Nmap, and OWASP ZAP.
- Identified and documented over 15 distinct vulnerabilities, including critical SQL Injection, Cross-Site Scripting (XSS), and Insecure Direct Object Reference flaws.
- Delivered detailed security assessment reports with clear, actionable remediation steps for each identified vulnerability.

Volunteer – Documentation Team | The Hacker's Meetup, Parul University  
Aug 2024 – Jan 2025

- Created and maintained clear, concise technical documentation for cybersecurity workshops and events.
- Enhanced the clarity and accessibility of technical materials, improving understanding for all participants.

Chairman | IEEE Parul University Student Branch  
Aug 2024 – Dec 2024

- Organized and led multiple workshops, seminars, and technical events for the student community.
- Successfully grew student membership and engagement by 80% through strategic outreach and quality programming.

### Projects:

Port Scanner | Python, Sockets, CLI:

GitHub: [github.com/garvit835/PortScanner](https://github.com/garvit835/PortScanner)

- Developed a command-line port scanning tool in Python to identify open ports on a target IP address.
- Implemented multithreading to significantly increase scanning speed and efficiency.
- Integrated banner grabbing functionality to identify services running on open ports, aiding in network enumeration.

WebScore | JavaScript, APIs, GitHub Pages:

GitHub: [github.com/garvit835/WebScore](https://github.com/garvit835/WebScore)

- Developed a web-based tool to analyze website reputation using WhoisXML and Google Safe Browsing APIs.
- Designed a responsive frontend with HTML, CSS, and JavaScript, deployed via GitHub Pages.
- Demonstrated security awareness by identifying risks of exposed API keys and planning a backend refactor using environment variables.

### Certifications:

- **Microsoft:** SC-200, AZ-204, PL-300, AZ-900, AI-900, PL-900
- **Oracle:** OCI AI Foundations, Data Platform Foundations, OCI Foundations
- **Google & Other:** Google Cybersecurity Career Certificate, GitHub Fundamentals

### Education

B.Tech – Computer Science and Engineering | Parul University, Vadodara

Aug 2023 – Oct 2027

Vapi Public School, Vapi

Class XII – ISC (2023): 79%

Class X – ICSE (2021): 89%