

G Sharan Raghav

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SUMMARY

• Cybersecurity professional with expertise in network security and AI-driven threat detection. Hands-on experience in threat management and compliance frameworks (ISO 27001, NIST). Ranked Top 200 on TryHackMe, with a strong track record in CTFs, security research, and ethical hacking. Seeking a cybersecurity role to leverage my technical skills in securing enterprise systems.

EDUCATION

SRI CHAITANYA SCHOOL SSC

7.7 GPA | 2018

EXCELLENCIA COLLEGE

INTERMEDIATE, MPC

8.42 GPA | 2018-2020

VIT BHOPAL

B.TECH. IN CYBER SECURITY IN CSE

8.23 GPA | 2020-2024

TECHNICAL SKILLS

PROGRAMMING:

• Python, PowerShell, SQL, HTML, CSS, Linux

SECURITY TOOLS:

• IDS/IPS, Metasploit, Burp Suite, Aircrack-ng, Ettercap, OWASP ZAP

CORE SKILLS:

• Penetration Testing, Threat Hunting, Digital Forensics, SIEM (Splunk, ELK), IAM, Compliance (ISO 27001, NIST)

CERTIFICATION

- Fortinet Network Security Associate (Fortinet)
- Ethical Hacking Essentials (EC Council)
- Microsoft AI Classroom (Microsoft)
- AWS Community Day (AWS)
- Generative AI & Devfest 2021 (Google)
- Artificial Intelligence (Accenture)

HOBBIES

- Cycling, Gym, Game development

LANGUAGES

- English (Fluent), Telugu (Native), Hindi (Proficient)

WORK EXPERIENCE

RESEARCH CYBER SECURITY INTERNSHIP | SISTMR AUSTRALIA

Jan 2022 – Jun 2022

- Developed and implemented AES encryption, session hijacking simulations, and packet sniffing, improving detection efficiency by 30%.
- Conducted vulnerability assessments using Wireshark & Metasploit, identifying critical security gaps in enterprise networks.
- Researched and tested Brute Force attack mitigation techniques, contributing to security awareness and best practices.

MICROSOFT AZURE INTERNSHIP | FUTURE READY TALENT

Jun 2023 – Aug 2023

- Developed automated security functions on Azure, enhancing cloud security compliance by 20%.
- Integrated Azure AD & IAM policies to strengthen identity and access controls, creating a proof-of-concept for secure API communications, which reduced exposure to data leakage threats.

PROJECTS

ADVANCED RECONNAISSANCE AND VISUALIZATION TOOL | SECURITY AWARENESS

Oct 2023 – Jan 2024 | VIT Bhopal

- Developed a cyber threat reconnaissance tool to identify weaknesses in enterprise security infrastructures.
- Enhanced threat visualization capabilities, improving incident response time by 40%.
- Link: [https://drive.google.com/file/Demo Video.mp4](https://drive.google.com/file/Demo%20Video.mp4).

SENTIMENT ANALYSIS IN STOCK NEWS | SECURITY THREATS

Dec 2021 – Feb 2022

- Built a data-driven model to analyze stock news sentiment and identify potential security threats affecting financial markets.
- Increased detection accuracy by 35%, reducing false positives in cybersecurity risk assessments.
- Link: [https://github.com/Deathshadow999/Final Code.ipynb](https://github.com/Deathshadow999/Final%20Code.ipynb).

RESEARCH AND ANALYSIS ON MOBILE SECURITY THREATS |

VULNERABILITY MANAGEMENT

May 2022 – Jun 2022 | VIT Bhopal

- Researched and analyzed deepfake and mobile CVE vulnerabilities, contributing to malware prevention strategies.
- Provided risk mitigation recommendations, reducing mobile security breach probability by 25%.
- Link: [https://colab.research.google.com/drive/Final Code.ipynb](https://colab.research.google.com/drive/Final%20Code.ipynb).

EXTRA-CURRICULAR ACTIVITIES

- Achieved a global ranking of Top 200 (Present: 468) on TryHackMe (Global)—Expertise in penetration testing & CTFs.
- Top 10 Finalist, DSCI Cybersecurity Hackathon – Recognized for advanced threat modeling.
- Student Coordinator, Linux Club (VIT Bhopal) – Led cybersecurity awareness initiatives.
- Participant in Industrial Visit & Hands-on Session on Data Analysis and Latest Robotic Tech, IIT Madras.