

## **SAMMITI GUNA VARDHAN**

**Andhra Pradesh, INDIA | +91 7893165667 |**

**[gunavardhansammiti64045@gmail.com](mailto:gunavardhansammiti64045@gmail.com)**

---

### **Summary**

Proactive Cyber security enthusiast with hands-on expertise in penetration testing, vulnerability assessment, network security, and ethical hacking. Developed practical skills through internships at Edureka and Supraja Technologies, earning a top 8% ranking on Tryhackme. Committed to leveraging technical proficiency and continuous to learn safeguard systems and counter cyber threats in a dynamic cyber security role

---

### **Education:**

Bachelor of Technology in Electronics and Communication Engineering, Avanathi Institute of Engineering and Technology (2021 – 2025)

---

### **Technical Skills**

- Cyber security: Penetration Testing, vulnerability assessment, web Application security, Ethical Hacking
  - Tools: Kali Linux, Burp Suite, Metasploit Framework, Nmap, Wireshark, Nessus, Splunk
  - Programming: Python (scripting for automation)
  - Networking: TCP/IP, Firewall configuration, Vpn setup, subnetting
  - Soft Skills: Analytical Thinking, Time management, Team Collaboration, Effective Communication
- 

### **Experience:**

#### **Cybersecurity Intern**

**Edureka | Mar 2024 - Jun 2024**

- Conducted penetration testing on web applications, identifying vulnerabilities including SQL injection and XSS for remediation
- Simulated attacks using Nmap and Metasploit, providing recommendations that improved system defences.

#### **Cyber security Intern**

**Supraja Technologies | May 2024 - August 2024**

- Executed vulnerabilities with Nessus and Burp Suite uncovering 10+ critical weakness in web servers.

- Enhanced network security by configuring firewalls, significantly reducing unauthorized access attempts.
  - Performed ethical hacking exercises, delivering reports that strengthened security policies.
- 

## **Projects:**

### **Secure USB Port Management System**

- Developed a Python-based secure USB port management system.
- Integrated MySQL for employee data retrieval and OTP authentication.
- Build own SIEM to monitor logs of USB and interface and connectivity logs. It is easy to deploy in local environment and reduce 25% risk

### **Home Lab VPN**

- Built a Virtualized lab using Proxmox to simulate cyberattacks and test defences.
- 

## **Certifications:**

- **Python Certificate - DataPro**
  - **Ethical Hacking Course - Udemy**
- 

## **Professional Engagements:**

**TryHackME profile:** Ranked in top 8% globally

<https://tryhackme.com/api/v2/badges/public-profile?userPublicId=2847983>

**Medium Blog:** Authored cybersecurity walkthrough

[https://medium.com/@jinX\\_state](https://medium.com/@jinX_state)

---

## **Extra Curriculum Activities:**

- Stay current with cyber security trends via webinars, OWASP resources, and tryhackme challenges.
  - Analyze open-source intelligence(OSINT) and market trends to refine analytical capabilities
  - Engage in strategic gaming to boost problem-solving and decision-making skills.
-