Rahul Prasad Kadiyam

Andhra Pradesh | rahulprasad0205@gmail.com | 8639930988 | linkedin | Github

Education

B.Tech in Computer Science, *Parul University, Gujarat* June 2020 – May 2024

- **Specialization** in Cybersecurity
- **Course Work:** Cryptography, Reverse Engineering and Malware Analysis, Security Monitoring, Web Application Security, Network Security, Introduction to cyber security.

Experience

Security Analyst Intern, *Oasis Infobyte* May 2025 - July 2025

- Conducted network and web app vulnerability assessments using Nmap, Wireshark, Nikto, and OWASP ZAP; reported OWASP Top 10 risks and traffic anomalies with mitigation strategies.

Projects

Malware Detection Using Machine Learning Algorithms GitRepo

- Built a malware detection system using ML techniques—data preprocessing, feature extraction, and classifiers (Decision Tree, Random Forest, SVM)—to improve threat identification and security posture.
- Tools Used: Python, Git, GitHub

Comprehensive Vulnerability Assessment and Security Analysis GitRepo

- Conducted end-to-end security testing on networks and web applications, identifying vulnerabilities like open ports, outdated configurations, and OWASP Top 10 flaws (SQLi, XSS), with detailed reporting and remediation steps.
- Tools: Kali Linux, Nmap, Wireshark, Nikto, OWASP ZAP, Git, GitHub

Technical Skills

Programming Languages: C, SQL, Python

Networking and Security: OWASP Top 10, OSI Model, TCP/IP Model, Wireshark

Tools: Splunk, Burp Suite, Nmap,Nikto, Wireshark, Metasploit Framework

Operating Systems: Windows, Kali Linux, macOS

Certifications

- Certified NSE-1, NSE-2, NSE-3 — **Fortinet**
- Cybersecurity Analyst Virtual Experience Program — **Tata Cybersecurity** (Forage)
- Cybersecurity Virtual Internship Program — **Deloitte** (Forage)
- Cybersecurity Awareness Program — **Mastercard** (Forage)
- Cybersecurity Essentials — **Cisco Networking Academy**

Publications

- Published a research paper on “Malware Detection Using Machine Learning Algorithms” based on practical implementation.