Nawin Prasath K

heyitsmenawin010@gmail.com 📞 81220 02205 👂 Tiruchengode 🛅 Linkedin 🕥 Github

Profile

Passionate engineer with hands-on experience in offensive/defensive security, AI-based threat detection, and vulnerability assessment. Skilled in Python, machine learning, and security frameworks to build intelligent, secure systems. Proficient in penetration testing, ISO/IEC 27001, and developing scalable apps with Python. Focused on automating security workflows and tackling emerging cyber threats through AI innovation.

Professional Experience

Cyber Security Analyst, Revute AI

04/2025 - Present | Hyderabad

Key Responsibilities:

• Developed and tested AI/ML models for anomaly detection, phishing URL identification, and malware classification using Python libraries such as scikit-learn and PyTorch.

Cyber Security Intern, Quantumcona LLP

07/2024 - 09/2024 | Hyderabad

Key Responsibilities:

- Conducted penetration testing and vulnerability assessments using Nessus, Burp Suite, and Nmap.
- Gained expertise in Google Cloud Platform (GCP), focusing on Virtual Machines (VMs) and cloud security.
- Performed security assessments on web applications and infrastructure to identify and mitigate risks.

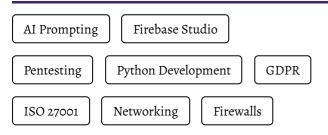
IoT Intern, Neura AI

08/2023 - 09/2023 | Tiruchengode

Key Responsibilities:

- Developed Raspberry Pi-based security projects, integrating IoT devices with cloud platforms
- Implemented IoT and cloud data API integrations to ensure secure data transmission.
- Worked on securing IoT sensors and cloud-stored data, implementing encryption and access control measures.

Skills



Education

B.E CSE Cyber Security,

KSR Institute for Engineering and Technology 2022 – 2026 | Tiruchengode CGPA - 8.03

Courses

Python Developer, Jet Brains Academy

Jr. Cyber Security Analyst-Career Path, Cisco

Mastering Network Intrusion Defense Advanced, EC-Council

Palo Alto Cyber Security V6, Palo Alto Academy

Awards

Cyber Security Awareness, SKIN FORUM

Fintech Ideathon Winner, CubeAI Solutions

Certificates

MongoDB Associate Python Developer

MongoDB University

ISO/IEC 27001 Information Security Associate™ SkillFront

Plesk Obsidian Professional

Plesk University

ISO 9001 QUALITY MANAGEMENT SYSTEMS ASSOCIATE™

SkillFront

Certified in Cyber Security

ISC2

Projects

Ransomware Simulator

Cybersecurity Project | Python | Malware Analysis | Ethical Hacking

• Developed a simulated ransomware tool in a controlled environment to demonstrate real-world ransomware behaviors, including file encryption, ransom note deployment, and user lockout mechanisms.

Cipher Decoder

Cryptography Project | Python | Information Security | CLI/GUI Tool

• Developed a Python-based encryption and decryption application supporting multiple classical cryptographic algorithms for educational and data obfuscation purposes.

Steganography Analysis Tool

Cybersecurity Project | Python | Steganography | Forensics

• Developed a powerful steganography analysis tool inspired by **Aperi'Solve**, capable of detecting and extracting hidden data from image files using automated analysis pipelines.