

THIRUVARULNATHAN. K

☎ +91 7868893067

✉ thiruvarulnathan@proton.me

📍 Coimbatore, TN-641004.

EDUCATION

Advanced Certificate Course in HPC | Cyber Security (Pursuing)

C-DAC, Bangalore.

2024-2025

- Comprehensive training in OS, Scripting, VAPT, Ethical Hacking, Computer Networks, and Cloud Computing.
- Extensive hands-on exposure to PARAM Supercomputing Facility and engagement with industry experts.

M.sc Cyber Security

Bharathiar University, Coimbatore.

2022-2024

- Developed skills in protecting and defending computer systems and networks.
- Gained expertise in ethical hacking, risk assessments, and digital forensics.
- Learned to design secure systems and mitigate cyber threats.
- CGPA: 8.094

EXPERIENCE

Network Administrator | Intern

Acidus Management Solutions Pvt Ltd | Coimbatore, TN-641004

JAN-MAR 2024

- Enhanced network security measures during internship, fortifying defenses against potential threats.
- Actively contributed to the development and implementation of cybersecurity protocols.

Gained invaluable experience in network security engineering, ensuring robust protection for organizational assets.

CERTIFICATIONS

Cyber Security and Privacy

NPTEL

- Developed skills in managing cybersecurity risks, governance, and compliance.
- Gained expertise in contingency planning, incident response, and disaster recovery.
- Learned about privacy regulations, data protection.

Junior Cyber Security Analyst

Cisco Networking Academy

- Acquired foundational knowledge in cybersecurity principles and practices.
- Enhanced skills in endpoint security implementation and threat management.
- Developed expertise in network security configuration and monitoring.

PROJECTS

Ransomware Simulation attack and Analysis

FEB 2025

- Simulated and analyzed real-world ransomware attacks in a controlled virtual environment using Ubuntu Server and VirtualBox.
- Developed pre-configured VM snapshots with ransomware scenarios and integrated security tools like Wireshark and Ghidra.
- Ensured malware isolation, conducted security testing, and designed CTF challenges for hands-on learning.

Design and deployment of automated threat mitigation solutions in security information and event

APR 2024

- Implemented a robust security monitoring and file integrity management framework.
- Developed monitoring scripts and integrated file integrity management system for proactive threat detection.
- Achieved enhanced security posture and protected organizational assets through proactive threat mitigation efforts.

Navigating OWASP top 10 vulnerabilities in 2023 with interactive demonstrations

NOV 2023

- Designed interactive learning modules for penetration testing learners, centered on OWASP Top 10 vulnerabilities in 2023.
- Conducted demonstrations of real-world scenarios, providing practical skills to identify and mitigate security risks in web applications.
- Empowered learners with hands-on experience through interactive demonstrations, enhancing their ability to navigate common security challenges.