

# NS3 CAREER: CYBER SECURITY



WELCOME TO  
**NS3GROUP**

# FOUNDERS



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## VISION

**“To maximize fresher employability by bridging education with real-world opportunities through innovation and mentorship.”**

# PROGRAM OVERVIEW : CYBER SECURITY



A Cyberattack occurs every 11 seconds. Companies are no longer looking for "IT staff"; they are hunting for **Cyber Warriors**. At **NS3EDU**, we transform you into a high-stakes problem solver capable of defending global enterprises against AI-driven threats and sophisticated state-sponsored attacks.

**The NS3EDU Standard:** Our **Industry Based Curriculum (IBC)** is built on the **NIST Cybersecurity Framework**, ensuring you are trained on the same protocols used by Fortune 500 companies.

# THE MULTI-LAYERED CURRICULUM



## Level 1: Cyber Security Fundamentals (Beginner)

- **Networking for Security:** Deep dive into OSI & TCP/IP models, IP addressing, Ports, and packet analysis using **Wireshark**.
- **Operating System Security:** Windows and Linux OS architecture, User & Permission Management, and System Logs.
- **Threat Landscape:** Understanding Malware types, Phishing, Social Engineering, and the anatomy of Ransomware.

## Level 2: Cyber Security Analyst (Intermediate)

- **Network Hardening:** Implementing Firewalls, VPNs, IDS/IPS (Intrusion Detection/Prevention), and Network Segmentation.
- **Endpoint & System Security:** Mastering Antivirus/EDR (Endpoint Detection and Response) and secure system configuration.
- **Web Application Security:** Mastering the **OWASP Top 10** vulnerabilities, including SQL Injection, XSS, and CSRF attacks.

## Level 3: Advanced Cyber Security (Professional)

- **Ethical Hacking Methodology:** Reconnaissance, Scanning, Enumeration, and Vulnerability Assessment.
- **Cloud Security:** IAM (Identity & Access Management), Cloud Network Security, and the Shared Responsibility Model (AWS/Azure).
- **Incident Response & Digital Forensics:** Mastering the incident lifecycle, evidence collection, and forensic reporting.

# STRATEGIC SECURITY & THE AI EDGE

## Governance, Risk, and Compliance (GRC)

- **Global Standards:** Practical implementation of ISO 27001, GDPR, and PCI-DSS.
- **Regulatory Alignment:** Deep dive into Indian guidelines and the NIST Cybersecurity Framework.
- **Security Audits:** Conducting internal audits and risk management assessments.

## Advanced Threats & Defense

- **AI-Powered Threat Intelligence:** Detecting AI-generated attacks and automating response via SOAR.
- **Blue Team Operations:** Proactive threat hunting and advanced persistent threat (APT) defense.
- **Real-World Projects:** Engaging in SOC Monitoring, Web App Testing, and Cloud Security Deployment simulations.

# PLACEMENT & PROFESSIONAL SUCCESS



Our **internship program** puts you in our **Live SOC Lab** at **NS3TechSolutions**. You will work on:

- **Vulnerability Management:** Performing a full-scale scan and remediation for a corporate network.
- **Live Breach Simulation:** Responding to a simulated attack in a production-level sandbox environment.
- **Audit Readiness:** Preparing a compliance report for a Fintech client under global standards.

| Job Role                    | Average Salary (Entry - Mid Level) |
|-----------------------------|------------------------------------|
| SOC Analyst (L1/L2)         | ₹5L – ₹12L PA                      |
| Ethical Hacker / Pen-Tester | ₹8L – ₹20L PA                      |
| Cloud Security Engineer     | ₹12L – ₹30L PA                     |
| Cybersecurity Consultant    | ₹15L – ₹35L PA                     |
| Forensic Analyst            | ₹8L – ₹18L PA                      |