Nitheesh A

B.Tech – Computer Science & Engineering
National Institute Of Technology Puducherry
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EDUCATION

Degree/Certificate	Institute/School(Board)	CGPA/Percentage	Passout Year
B.Tech (Graduate)	National Institute of Technology Puducherry	6.37(CGPA)	2024
Senior Secondary	TPGHSS TamilNadu State Board	53.67%	2020
Secondary	TPGHSS TamilNadu State Board	70 80%	2018

EXPERIENCE

- **Ethical Hacking and Penetration Testing - Cdac Noida**.

  Cyber Security Intern   *Sept 2024 - Oct 2024*
  - Acquired knowledge in cybersecurity, networking, Unix, and OS, with hands-on experience using tools like Nmap,   *(Virtual)*
    Nessus, and DirBuster for web penetration testing.

- **Cybersecurity - Prasunet Pvt. Ltd**.

  Cyber Security Intern   *Jun 2024 - Jul 2024*
  - Learned and implemented keylogger, encryption & decryption, password strength checker, network packet   *(Virtual)*
    analyzer, and pixel manipulation for image encryption using Python.

- **Vulnerability Analysis - Yhills**.

  Cyber Security Intern   *Jun 2022 - Jul 2022*
  - Conducted vulnerability analysis using Kali Linux & Gained hands-on experience with various exploit tools.   *(Virtual)*

PROJECTS

- **Android Malware Detection Using Machine Learning** | **Mini Project** (College)

  NIT Puducherry - Machine Learning
  - Developed a model achieving 94% accuracy in detecting Android malware using Python.

- **An Audio-Image Hiding System Using Chaotic Method** | **Final Year Project Phase – I** (College)

  NIT Puducherry - Cyber Security
  - Created a novel method for concealing images within audio file, demonstrating its effectiveness experimentally.

- **Web Application Enumeration with DirBuster and dirb (Using DVWA) | Cyber Gyan**

  Cdac Noida - Web Application Enumeration
  - Conducted web application enumeration on Damn Vulnerable Web Application (DVWA) using Dirb and
    DirBuster tools.

TECHNICAL SKILLS

- **Programming** Languages: C++, Python

- **Networking (Basics):** TCP/IP, Firewalls, VPN, IDS/IPS, Network Basics

- **Cyber Security & Frameworks (Basics):** VAPT, IAM, Metasploit, Nmap, Burp Suite, SIEM "Splunk", Nessus, Wireshark

- **Soft** Skills: Creativity Thinking, Problem-Solving, Effective Communication

COURSES & CERTIFICATIONS

- **Certified in Cybersecurity -** ISC2
- **Introduction to Splunk -** Splunk
- **Networking Basics -** Cisco Networking Academy
- **Cybersecurity Analyst Job Simulation -** Tata Forage
- **Introduction To Critical Infrastructure Protection -** OPSWAT
- **NMAP Mastery: Ultimate Guide to Network Scanning -** Udemy

HONORS AND ACHIEVEMENTS

- **1st Place** in Photography at NIT Rourkela.

- **2st Place** in Photography at NIT Puducherry & Photography Club Member.

- **3st Place** at Puducherry Heritage Festival & NIT Trichy.