Anantha Subash B

📞 9487974805   ✉ ananthasubas2004@gmail.com   🌐 Portfolio   in Anantha Subash   ⌗ CyberBashForce

Objective

CCNA-certified engineering graduate with strong networking fundamentals and hands-on experience in routing, switching, and troubleshooting across Cisco devices and virtual lab environments. Skilled in Linux/Windows systems, scripting, and network simulation tools. Seeking NOC Engineer, Network Support, or L1/L2 roles to leverage technical and problem-solving skills in a dynamic infrastructure environment.

Education

Chennai Institute Of Technology, Chennai   **2021–2025**
B.E. in Mechanical Engineering   *CGPA: 8.85/10*

Technical Skills

Networking: CCNA Certified, TCP/IP, VLANs, STP, OSPF, EIGRP, IPv6, Subnetting, Routing & Switching, DHCP, DNS, ACLs
Tools & Simulation: Cisco Packet Tracer, GNS3, Wireshark, VirtualBox, VMware
Systems: Windows, Linux (Ubuntu, Debian), System Administration, Troubleshooting
Scripting: PowerShell, Bash, Python
Soft Skills: Problem Solving, Collaboration, Communication, Documentation

Experience

Scandron Pvt Ltd   **Nov 2024 – Present**
Trainee Design Engineer   *Bengaluru*
- Designed and developed UAV payload-dropping mechanisms for operational efficiency.
- Created end-user mechanisms to enhance system usability.
- Collaborated with engineering teams for iterative design improvements.

Airosspace R&D Pvt Ltd   **Sep 2022 – Sep 2023**
UAV System Developer [Intern]   *Chennai*
- Automated network setup and static IP configurations for embedded Linux devices.
- Configured RTSP pipelines and optimized connectivity for real-time video feeds.
- Collaborated on cross-functional teams to integrate systems with networking components.

Projects

PowerShell Network Scanner | *Git*
- Developed a PowerShell tool to scan LAN devices, open ports, and detect active services to improve Windows network visibility.

Network Security Toolkit (In-Progress)
- Built an auditing toolkit for SOHO networks with automated scans and misconfiguration alerts.

GripXel MK1 – Gesture-Controlled 3D Viewer | *Git*
- Built a real-time 3D viewer using C++, OpenGL, GLSL, ImGui, and Mediapipe.
- Enabled touchless controls (pan, zoom, rotate) via gesture detection, improving interaction speed and accessibility.
- Featured complex OpenGL pipeline handling and UI event management.

Technical Blogs

- **Exploiting DTP: A Guide to VLAN Hopping** – Demonstrated VLAN hopping attacks and discussed mitigation strategies.
- **How Computers Render Graphics** – Built an OpenGL renderer from scratch.

Achievements

- **CCNA – Cisco Certified Network Associate:** Completed official CCNA certification, covering routing, switching, and network troubleshooting.
- **Portfolio Website:** Built ananthasubash.com to host technical blogs and projects.

Certifications

- **Cisco:** CCNA (Completed), Cybersecurity Essentials, Networking, Packet Tracer
- **OpenEDG:** Python Institute Certified
- **EC-Council:** Hands-on Penetration Testing with PowerShell
- **TryHackMe:** Advent of Cyber 2023