

# Arunkanth S

## Network Engineer

Virudhunagar, TN / 6374512397 / arunkanth821@gmail.com / [Linked in](#) / [Portfolio](#)

### EDUCATION

<b>Bachelor of Engineering in Computer Science and Engineering</b>	10/2021 – 06/2025
Sri Vidya College of Engineering and Technology ,Virudhunagar	CGPA: 7.1
<b>Higher Secondary Education (HSC)</b>	2019 - 2021
Hindu Higher Secondary School , Watrap	Percentage:75%

### SKILLS

- **Networking Fundamentals :** TCP/IP , OSI Model,LAN/WAN Concepts,IPv4/IPv6,IP Addressing,Subnetting
- **Network Services & Protocols:** DHCP, DNS, HTTP/HTTPS, NAT, VLANs
- **Network Troubleshooting:** Connectivity Testing,Performance Issues
- **Network Devices:** Cisco Routers & Switches, Firewalls(Basics), Access Points
- **Tools:** Cisco Packet Tracer
- **Web Technologies:** HTML , CSS

### PROJECTS

<b>Cyber Black Box - Secure Data Logging and Forensics System for Cyber Incident Analysis</b>	June 2024
---	-----------

- Developed an innovative cybersecurity system inspired by aviation black boxes to enhance incident response and forensic capabilities post cyber intrusions.
- Integrated advanced data logging, encryption, and machine learning algorithms for anomaly detection and attack classification, surpassing traditional IDS systems in accuracy and real-time analysis.
- Implemented on CSE-CIC-IDS2018 dataset, demonstrating superior performance in cybersecurity measures and detection efficacy on novel threats.

<b>Switch-Only Secure Network Deployment</b>	Nov-2025
--	----------

- Configured a secure switch-based network using **VLANs, STP,DHCP, VTP**, and EtherChannel to ensure optimized performance, improved bandwidth, and centralized **VLAN** management.
- Implemented **SSH** and **AAA** to provide secure remote access, authentication, and controlled device management across the network.

<b>Personal Portfolio Website</b>	Nov-2025
-----------------------------------	----------

- Designed and developed a responsive portfolio website using **HTML** and **CSS**.
- Created an organized layout to showcase projects, skills, and contact information effectively.
- Focused on clean UI/UX, mobile responsiveness, and fast loading performance.

### CERTIFICATES

- **Cisco Certified Network Associate (CCNA)**  
Completed structured CCNA training at **SoftLogic** from **September 2025 to December 2025**