

# 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>	<b>June 2024</b>
<ul style="list-style-type: none"><li>• Developed an innovative cybersecurity system inspired by aviation black boxes to enhance incident response and forensic capabilities post cyber intrusions.</li></ul> <p>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.</p> <ul style="list-style-type: none"><li>• Implemented on CSE-CIC-IDS2018 dataset, demonstrating superior performance in cybersecurity measures and detection efficacy on novel threats.</li></ul>	
<b>Switch-Only Secure Network Deployment</b>	<b>Nov-2025</b>
<ul style="list-style-type: none"><li>• Configured a secure switch-based network using <b>VLANs</b>, <b>STP</b>,<b>DHCP</b>, <b>VTP</b>, and EtherChannel to ensure optimized performance, improved bandwidth, and centralized <b>VLAN</b> management.</li><li>• Implemented <b>SSH</b> and <b>AAA</b> to provide secure remote access, authentication, and controlled device management across the network.</li></ul>	
<b>Personal Portfolio Website</b>	<b>Nov-2025</b>
<ul style="list-style-type: none"><li>• Designed and developed a responsive portfolio website using <b>HTML</b> and <b>CSS</b>.</li><li>• Created an organized layout to showcase projects, skills, and contact information effectively.</li><li>• Focused on clean UI/UX, mobile responsiveness, and fast loading performance.</li></ul>	

### CERTIFICATES

---

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