Manush Sekaran C

Network Engineer

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manush1729.github.io/portfolio | github.com/manush1729 | linkedin.com/in/manushsekaran1729

PROFILE

I am a certified Network Engineer with a solid background in configuring and managing network infrastructures. Having completed the Cisco CCNA certification, I possess strong skills in routing, switching, and network troubleshooting. I also have hands-on experience with Windows Server 2019 and ethical hacking to strengthen network security. In addition, I am well-versed in a variety of AWS services such as EC2, S3, IAM, Lambda, RDS, and more. My expertise includes designing and deploying scalable, secure cloud solutions using VPC, Auto Scaling, ELB, and CloudWatch.

EDUCATION

Mepco Schlenk Engineering College   2020 - 2024
B.Tech. Information Technology
GPA – 6.79

Mahatma Montessori CBSE School   2019 - 2020
HSC
Percentage – 82

Mahatma Montessori CBSE School   2017 - 2018
SSLC
Percentage – 73

TECHNICALSKILLS

CCNA: ACL, NAT, PAT, PPP, Configuration, IOS, Subnetting, IPV6, ADSL, Site to Site VPN

Cloud: AWS, EC2, ELB, S3, Route 53, CloudFront, Load Balancing

Programming Languages: Java, C/C++

Windows Server: Active Directory server Roles, DHCP, User Creation, OU Management, DNS, IIS, RAID concepts

Skills: Ethical Hacking, Wireshark, Google Dorks, Networking, IP, Firewall, Collaboration, Agile

Skills: Code Optimization, Teamwork, Communication, problem-solving, Continuous Improvement

PROJECTS

An Intelligent Two-Layer Intrusion detection System for the Internet of Things
- Developed a two-layer intelligent intrusion detection system for IoT using flow-based and packet-based features. Implemented feature optimization to improve anomaly detection accuracy and reduce detection time. Minimized system time overhead for efficient real-time threat response.
- Enhanced overall security in IoT networks by integrating anomaly detection with real-time performance optimization.

CERTIFICATIONS

CCNA(Cisco Certified Network Analyst) - Cisco Systems, Inc. ID- CSCO14900750 (2025)

Data Structure And Algorithms Using Java — NPTEL (2022)