

# Aswin A

Networking Engineer

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## SUMMARY

Networking and AWS professional with expertise in IPv4/IPv6, routing, switching, and cloud infrastructure. Hands-on experience with EC2, VPC, and network protocols. Proven ability to design and implement efficient network solutions, including large-scale projects like EIGRP-DHCP Fusion.

## EDUCATION

BSc in Computer Science, Nilgiri College Of Arts & Science (GPA: GPA: 74)	Jun '21 — May '24 Nilagiri, India
Bharat Mata Higher Secondary School (GPA: GPA: 85)	Jun '19 — Mar '21 Nilagiri, India
M S S Matriculation School (GPA: GPA: 84)	Jun '18 — Mar '19 Nilagiri, India

## CERTIFICATIONS

CCNA Cisco Certified Network Associate, Besant Technologies,	Nov '24
AWS(Amazon Web Service), Besant Technologies.	Dec '24
Skill Development Program, Infosys.	
Devops, Besant Technologies.	Feb '25
Linux, Besant Technologies.	Apr '25

## TECHNICAL SKILLS

### Networking :

Ethernet, topology, and communication

- Configure & troubleshoot IPv4/IPv6, subnetting, routing, and switching
- Hands-on with NAT, VLANs, trunking, and floating static routes
- Proficient in OSI/TCP-IP models, TCP/UDP, DNS, DHCP, and TFTP

### AWS cloud strategies & infrastructure development

- Hands-on with EC2, VPC, IAM, EBS, CloudWatch, Auto Scaling, and more
- Managed EBS volumes, user accounts, logs, and group policies
- Resource monitoring: Amazon DB, CPU, memory, and storage

## PROJECTS

### EIGRP-DHCP Fusion: Efficient Routing and Network Configuration for Large Scale Networks

- Tools Used:
- Packet Tracker
- Cisco Router 4300 Series (8)
- Cisco Switch 2960 Series (12)
- Cisco DHCP Server (3)
- Number of End Devices

### AWS

- Recovering Access to Amazon EC2 Instance and Verifying Apache Installation

## SKILLS

**Networking** Ethernet, topology, communication, IPv4, IPv6, subnetting, routing, switching, NAT, VLANs, trunking, floating static routes

**Protocols** CCNA, DHCP, EIGRP & RIPv2, TCP/IP, TCP, UDP, ARP, HDLC, PPP

**Network Configuration** Network Address Translation (NAT), Virtual LANS (VLANs), Floating Static, Trunking

**Network Services** DNS lookup, TFTP, PAT

**Cloud Infrastructure** AWS cloud strategies & infrastructure development, EC2, VPC, IAM, EBS, CloudWatch, Auto Scaling

**Devops** Docker, Jenkins, CICD, Maven, Ansible, Nagios, Prometheus

**Languages** Tamil, English, Malayalam