

AKSHAY K

Aspiring Network Engineer | CCNA (200-301) Certification in Progress | Systems & Infrastructure Enthusiast

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SUMMARY

Network Engineer focused on routing, switching, VLANs, and IP services in lab-based environments. Uses Cisco Packet Tracer, GNS3, and Wireshark to build topologies, trace traffic, and validate configuration changes with a structured troubleshooting approach. Brings Java OOP and Docker familiarity to support scripting tasks and containerized lab work while preparing for CCNA (200-301).

SKILLS

TECHNICAL

Cisco Packet Tracer
GNS3
Wireshark
Docker
Linux

NETWORK OPS

VLANs
Trunking (802.1Q)
Static routing
OSPF
DHCP

SUPPORT OPS

Incident triage
Ticket documentation
Escalation mgmt
Change documentation
Network troubleshooting

EXPERIENCE

Cloud Computing Engineer

Tamil Nadu, India

- Assisted in daily operations, ensuring smooth workflow and adherence to company protocols.

2026-06 –
2026-07

EDUCATION

Bachelor of Science: Computer Science

CMS College of Engineering and Technology – Tamil Nadu, India

- Expected: March 2027
- GPA: 7.49 / 10.0

Expected
2027-03

Higher Secondary Certificate: Computer Science

VMHS Vadavannur – Kerala, India

- Final Grade: 83%
- GPA: 83%

2023-05

High School Diploma

RPMHSS Panangattiri – Kerala, India

2021-05

PROJECTS

Network Simulation & Troubleshooting Labs — GNS3, Cisco Packet Tracer, Wireshark

- Configured and tested VLANs, 802.1Q trunking, and EtherChannel on simulated multi-switch topologies aligned with CCNA (200-301) exam objectives
- Implemented and verified Spanning Tree Protocol (STP/RSTP/PVST+) to prevent Layer 2 loops in redundant switch topologies
- Configured static routing, OSPF, and access control lists (ACLs) on simulated router topologies for secure inter-VLAN connectivity
- Used Wireshark to capture and analyze network traffic, identifying packet flow and diagnosing connectivity issues
- Built and tested virtual machine and Docker environments to model client-server and containerized network scenarios

Student Management System — Java (OOP) / Console Application

- Designed and implemented a CRUD system (Add, Remove, Modify, View) for student records using Java classes and objects
- Applied OOP concepts (encapsulation, inheritance, polymorphism) with input validation and error handling for data integrity

LANGUAGES

Malayalam	Bilingual / Proficient (C2)
Tamil	Upper Intermediate (B2)
English	Intermediate (B1)