SEKH MOHAMMAD ALAMIN

Bangalore, Karnataka • 9822425357 • alamin.mits.22@gmail.com

[in] My LinkedIn [GitHub] My Github

SUMMARY

Entry-level Cloud Support Engineer with solid fundamentals in networking, cloud basics, and Python scripting. Knowledge of TCP/IP, DNS, DHCP, VLANs, and basic routing, with experience troubleshooting network and system issues. Familiar with AWS/Azure fundamentals, virtual networking, and security basics. Comfortable supporting cloud infrastructure operations and automating simple tasks using Python.

SKILLS

- Networking
- TCP/IP, DHCP, DNS
- VLANs, Trunking, Inter-VLAN Routing
- Routing & Switching, IPv4 / IPv6
- Cisco IOS, Cisco Packet Tracer
- Cloud & Virtualization
- AWS: VPC, EC2, Security Groups, IAM, CloudWatch
- Azure: Networking fundamentals
- Programming & Automation
- Python: system monitoring, network checks, log parsing
- SQL: CRUD operations, basic joins
- Operating Systems
- Windows, Linux (file system, processes, networking commands)

CERTIFICATIONS

- CCNA: Introduction to Networks
- CCNA: Switching, Routing and Wireless Essentials
- CCNA: Enterprise Networking, Security, and Automation
- Cisco Python Essentials I & II
- Azure Networking Services for Beginners

ACADEMIC

- Course: B.Tech
- Branch: Computer Science & Technology
- College: Madanapalle Institute of Technology & Science
- University: JNTUA
- CGPA: 7.53 (Till 3-2)
- Year of Passing: 2026

PROJECTS

Cloud Environment Setup & Troubleshooting (AWS)   OCT 2025
- Created an AWS VPC with public subnet, route table, and Internet Gateway.
- Launched and configured EC2 instances with proper instance types and key pairs.
- Configured security groups to manage inbound and outbound traffic.
- Implemented IAM users and roles following least-privilege access principles.
- Monitored instance health and usage using Amazon CloudWatch.
- Troubleshot connectivity and access issues related to security groups, routing, and instance status.

Python Scripting for System & Cloud Monitoring   DEC 2025
- Developed Python scripts to monitor CPU, memory, and disk usage across multiple systems.
- Automated network connectivity checks (ping) and logged failures for troubleshooting.
- Parsed log files to identify recurring system and service errors.
- Reduced manual troubleshooting effort by automating repetitive monitoring tasks.

Network Configuration & Troubleshooting Project (Cisco Packet Tracer)   JUNE 2025
- Configured and assigned VLANs to switch ports; verified segmentation using show vlan.
- Assigned VLANs to switch ports and verified segmentation.
- Implemented inter-VLAN routing and validated communication between networks.
- Performed device access configuration (console, VTY, interfaces).

INTERNSHIPS

- Web Development Intern – ExcelR
- Duration: 6 weeks (May 2024 – July 2024)
- Technologies: HTML, CSS, JavaScript, SQL
- Developed a web-based Pharmacy Management System for inventory, prescriptions, and order tracking, improving operational efficiency.
- Integrated SQL database and implemented real-time functionality for accurate and seamless workflow.

- Networking Virtual Intern – Cisco
- Duration: 8 weeks (June 2025 – Aug 2025)
- Technologies: Cisco Packet Tracer, Networking Essentials, IPv4/IPv6
- Configured VLANs, trunking, and Inter-VLAN routing in Cisco Packet Tracer to gain hands-on network design and troubleshooting experience.
- Tested and validated network setups to ensure connectivity and proper segmentation.