

DHRUV MEHUL SHAH

+1(214) 447-8668 ◇ Dallas, TX

Email - [DhruvShah](#) ◇ [LinkedIn - DhruvShah](#) ◇ [GitHub - DhruvShah](#)

EDUCATION

MS - Network Engineering, *Southern Methodist University* Aug'2021 - May'2023

Relevant Coursework: Advanced Cloud Engineering, Routing & Switching, TCP/IP Network Administration, DevOps, Network Protocols, Advanced Network Design, Data Center.

BE - Electronics & Telecommunication Engineering, *University of Mumbai* Aug'2016 - Nov'2020

CERTIFICATIONS

AWS AWS Certified Solutions Architect Associate C-02 & Cloud Practitioner

Microsoft Azure Microsoft Certified Azure Fundamentals

Linux Professional Institute LPI Certified Linux Essentials

Hashicorp Hashicorp Certified Terraform Associate (003)

Google Cloud Platform GCP ACE (TRAINED) [Google Cloud Skills Badge](#)

SKILLS

Cloud & DevOps AWS, Google Cloud, Azure, Docker, Ansible, Git, Terraform, CI/CD Jenkins
Network Concepts TCP, UDP, DHCP, DNS, ARP, ICMP, Subnetting, IPv4/v6, VLAN, STP, SSH, NAT
TELNET, RIP, OSPF, ISIS, BGP

Software Tools and OS Wireshark, Putty, GNS3, Eve-ng, VMWare, VirtualBox, OS[Windows, Linux, VyOS]

Programming Languages Python, YAML & Shell scripting

PROJECTS & LABS

Cloud Computing - Created and protected instances using AWS VPC, EC2, security groups, databases, services, and designed cloud applications with best security, reliability, performance, and cost efficiency.

DataCenter Network - Deployed ESXI hypervisor to create CentOS & Ubuntu VMs; Implemented technologies such as Docker, Kubernetes, Ansible and Git.

Routing & Switching and Network Protocol Analysis - Designed network topologies, troubleshooted, analysed packet flow, conducted detailed study of protocols using Wireshark and Ping Plotter.

Obstacle Detection and Collision Avoidance System for Autonomous Vehicles - Created a program to detect vehicle number plates and interconnected Arduino, Raspberry Pi, Camera, and LIDAR Module.

EXPERIENCE

Teaching Assistant Jan'2022 - May'2023
Southern Methodist University *Dallas, TX*

- TA for Introduction to Networks and Network Protocols, conducting labs, grading exams, and assisting in doubt-solving.

Industry Trainee May'2019 - Jun'2019
Airports Authority of India, CSI Airport *Mumbai, India*

- Understood the functioning of and communication between all levels of CNS department for a safe aircraft flight.

ACCOMPLISHMENTS

- Member of IEEE collaborated with professor and IEEE to conduct different events for the department.
- Coordinated a National Level Technical Event 'MEGALEIO'; Actively participated in the Marketing and Sponsorship Team
- Part of Training & Placement cell of college representing EXTC