
CAREER OBJECTIVE

- To contribute a progressive organization, by delivering my learning in the progress of both, the organization and the self and thus getting better at what I do consistently.
- Looking forward to work with reputed firms as a Cloud / Network Engineer.

EDUCATION

Silver Oak College of Engineering and Technology, Ahmedabad **2017 - Present**
Electronics and Communication Engineering – CGPA (3 Core semester): 8.71 | CPI (7 core Semester): 8.16

PROFESSIONAL EXPERIENCES

Technical Support Engineer – BIOMAX Security PVT.LTD. **October 2020 – Present**

- Provided technical support for biometric software/hardware installation on both local and remote areas.
- Dealt with Website hosting using IIS on both Local and Windows Server 2012/2016.
- Handled the biometric attendance database on both SQL server and MS Access.
- Acquired foothold over networking concepts like Subnetting, Port forwarding and TCP/IP protocols like Telnet, SSH, HTTP/HTTPS, DNS, DHCP, SMTP etc.
- Dealt with networking components like manageable switches, router and ethernet cabling.

Design and Research Intern – SUDAKSH Technologies **June 2020 – September 2020**

- Research Work:
 - 2.4 GHz ISM Band and 2.4 GHz Transceiver Architecture.
 - IEEE 802.11 Standards & FCC Guidelines for Intentional Radiator: Operation within 2400-2483.5 MHz (Part-15: Subpart C)
 - Performed Spread Spectrum Communication techniques particularly FHSS and DSSS advantages and limitations.
 - Component Selection for transceiver module based on Link-Budget Analysis.

PROJECTS

- RF Frontend Module for Sub- 6 GHz Band for 5G- NR **[August,2020- November,2020]**
 - Mathematical designing of Patch antenna based on the frequency band of its operation.
 - Modelling of antenna using ANSYS High Frequency Simulation Software (HFSS).
 - Simulation of modelled antenna for parameters like s-parameters, radiation pattern and gain pattern.
- VPC Peering Network Establishment on AWS **[Ongoing- Project]**
 - Creating EC2 Instances
 - Incorporation of AWS database and Lambda for connection of two networks.

TECHNICAL SKILLS

- **Networking Tools:** Cisco Packet Tracer and GNS3 (Beginner)
- **Network Troubleshooting:** Command Line tools and Wireshark (Beginner)
- **Cloud platform:** AWS Cloud
- **Virtualization tool:** VMware, Hyper-V
- **Network Protocols:** TCP/IP, OSPF, SSL, DHCP, Routing Protocols on CISCO Packet Tracer, RIP protocol on 1841 Router using PuTTY software
- **Operating Systems:** Windows Server 2012/2016, Ubuntu Linux (Beginner)
- **Programming Skills:** C Language, Python (Basic), MATLAB

CERTIFICATES AND AWARDS

- Windows Server Administration certification from Udemy
- CompTIA- Network+ Certification from Udemy
- Wireless Communication Certification from Coursera

ACTIVITIES AND INTERESTS

- Actively involved in the following activities resulting in skill improvements:
 - AWS Cloud Solution Architect
 - Linux Server Administration
 - Virtualization
 - Networking using PYTHON and LINUX