Fahad Kunnappilli Mohammed
Network Architect

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Profile Summary

- ✓ A professional with 18+ years of experience in networking field. Takes care of communication networks, such as local area networks (LAN) and wide area networks (WAN).
- ✓ Played a crucial role in creating, maintaining, and modifying an IP network's hardware, software, and virtualized components.
- ✓ Work on networks in small range as well as on a larger scale of the communication system.
- ✓ Design and implemented multiple IT & OT networks across the globe. Scope of work includes project initiating, planning, design, executing and delivery.
- ✓ Played a prominent role in the installation and configuration of routers, switches, firewalls and any other hardware and software upgrading that are essential for the communication networks to function properly.
- ✓ Plan and execute the layout of cables and other required components for network systems. Also troubleshoots network systems and resolves and rectifies if any issues occur. Responsible to develop and deliver the design documentation.

Skills

- ✓ Cisco Routers/Switches/Access points, Cisco WLC, Viptela Routers, SDWAN, SDLAN, Meraki Routers/Switches/Access points, Aruba Switches/Access points, ASA Firewalls, Checkpoint Firewalls, Fortigate Firewalls, Sonicwall Firewalls, IPS, IDS, BGP, OSPF, EIGRP, HSRP, IPSec, DMVPN, VLAN, NMDS, CMA, CSM.

Tools

- ✓ Network Automation and monitoring – NetBrain, NetMRI, HPNA
- ✓ Network Management & Reporting – Checkpoint CMA, Cisco CDO, Cisco vManage, Meraki dashboard, Aruba Central, Splunk, CAPM
- ✓ Ticket Dashboard – ServiceNow.

Certifications & Trainings

Certification:
- ✓ Cisco Certified Network Associate (CCNA)
- ✓ Cisco Certified Network Professional (CCNP - Switch)

Trainings:

- ✓ **IoT Essentials Partner Certification - Sales**
  - To enable Cisco's Channel partners and Cisco Internal sellers to identify more enterprise and industrial IoT solution opportunities and improve their close ratio

on identified IoT/Digital Transformation opportunities using Cisco's IoT Essentials GTM plays and offerings.

✓ **IoT Essentials Partner Certification - Technical**
- To enable pre-sales system engineers (SEs) from Cisco and Cisco's channel partners to identify more enterprise and Industrial IoT solution opportunities through the understanding of Cisco's IoT portfolio.

✓ **Cisco Network Administration - Cisco Certified Network Professional (CCNP) Level**

- Installing and configuration of Cisco Routers, Switches
- Installing and configuration of Cisco WLC, LWAP
- Advanced troubleshooting
- Routing protocols and Switching concepts

✓ **Fortigate Firewall Administration**

- Installation and basic configuration
- Access rules and Firewall policies
- UTM features
- Backup process
- Log Analyzer

✓ **Cisco Wireless Administration**

- Installing and configure Cisco WLC and Access points
- Autonomous and LWAP configuration
- SSID and access group configuration
- Monitoring and troubleshooting
- Ekahau Wireless site survey

✓ **ITIL Foundation**

- ITIL foundation v3 training

Experience Snapshot

Employer	Designation	Employment Period
Microland Ltd	Technical Architect - Network & Security	Dec 2014 – Present
Wipro Ltd	Sr Network Engineer	Feb 2012 – Dec 2014
Tech Mahindra Ltd	Network Engineer	May 2010 – Feb 2012
Infosys Technologies Ltd	Senior Operations Executive	Sep 2006 – Apr 2010

Key Projects & Assignments

Project 1: Network Design and Build
Employer: Microland Ltd, USA
Duration: From Dec 2014 To present

Job Responsibilities: Technical Architect - Network & Security, Microland USA

- ✓ Design and Build network infrastructure for IT & OT networks of one of the Fortune 500 largest firm in US.
- ✓ Design and Build network for branch office sites for both IT & OT network infrastructure
- ✓ Gather business requirements and propose the solution
- ✓ LAN and WAN designing, Bill of Material preparation
- ✓ Coordinate hardware procurement and installation
- ✓ Configuration of network devices
- ✓ Hands on experience in Viptela Routers, Cisco/Meraki Routers, Switches and Wireless
- ✓ Hands on experience in Cisco/Checkpoint firewall, IPS/IDS configuration
- ✓ Migration of assets from legacy network to new standard network
- ✓ Defining Firewall rules and prepare firewall risk matrix
- ✓ Log analysis and Troubleshoot network issues
- ✓ CMDB addition, Diagram updating and add devices to DNS & Tools
- ✓ Responsible in building technical SOPs
- ✓ Peer review design and configuration script for team members.

Project 2: Network Administration
Employer: Wipro Ltd, India
Duration: From Feb 2012 To Dec 2014

As Sr. Network Engineer, Wipro Ltd India

- ✓ Worked for US based client which deals with Healthcare, Finance and Mortgage Operations.
- ✓ Work involves managing and monitoring the entire Network infrastructure.
- ✓ WAN Links monitoring and troubleshooting.
- ✓ Deployed the Network infrastructure for the new branch office.
- ✓ Migrated from Sonicwall 3060 firewall to Fortigate 300C firewall.

✓ Configuration changes on Fortigate 300C firewall, Radware DP200 IPS.

✓ Bandwidth monitoring and Log analysis of critical devices like Fortigate Firewall, Radware IPS and Cisco 3750 Core switch.

✓ Log review reporting.

Project 3: Network Design
Employer: Tech Mahindra Ltd, India
Duration: From May 2010 To Feb 2012

As Network Engineer, Tech Mahindra Ltd

✓ Worked for US based tier 1 network provider

✓ Worked as a Technical Solution Architect (TSA).

✓ Work involves providing Solutions to Network Requirements for the client.

✓ In depth designing of the network infrastructure as per client's security standards.

✓ Work with customer to gather the requirements

✓ Prepare High Level Design

✓ Prepare BoM and work with Vendors for the quotes

✓ Making Network Diagrams in Visio for the new site.

✓ Daily interaction with Client for discussing the Network requirement.

✓ Leading the team which is dedicated for network infrastructure works.

✓ Conducted many sessions for knowledge transfer

Project 4: Network Support
Employer: Infosys Technologies Ltd, India
Duration: From Sep 2006 To Apr 2010

As Senior Operations Executive, Infosys Technologies Ltd India

✓ Worked for US based tier 1 network provider.

✓ Work involved tech refreshing the network devices in Client infrastructure.

✓ Installation and configuration of new Routers and switches.

✓ Migration of traffic to newly installed devices

✓ Testing and troubleshooting

✓ Hands on experience on various Cisco Routers and switches.

- ✓ Completing the assigned tasks in the allotted time span.

- ✓ Update the documentations

- ✓ Trained new folks and conducted knowledge sharing sessions

Educational Qualification

Course	College/ Institute	Year of Passing	Percentage
BSc in Electronics & Comp Hardware	M.E.S College, Marampally, Kerala, India	2006	69 %