

MAHESH KUMAR

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PROFILE:

- Highly motivated professional, with strong technical background in Telecommunication Organization.
- Experience in Network Operation and Management.
- Good knowledge of Cisco Routers, Switches and Transmission Links NEC, Dragon-wave.
- Thorough knowledge of OSI & TCP/IP layered architecture.
- Good understanding of Routing Protocols, LAN Switching.
- Team player with strong communication and presentation skills.

TECHNICAL SKILLS:

- Detailed working knowledge of Routing protocols : RIP, EIGRP, OSPF, BGP.
- Application Layer Protocols (HTTP, DNS, FTP, DHCP).
- LAN Switching (STP, RSTP, VLAN, VTP).
- Knowledge of TCP/IP, ARP, IPSEC, SSL, Firewall Types.
- Hands on practice of Packet Tracer and GNS3.
- Knowledge of Packets capturing tool, Wireshark
- Learning Python, Linux
- Good understanding of Encryption techniques, RSA, DES, 3DES.
- Experience with NEC and Dragon-wave Transmission links.

EXPERIENCE:

Graduate Teaching Assistant

Wichita State University

January 2014, till date

Responsibilities:

- Assisted Professors for Routing & Switching and Data Communication Network courses.
- Design configuration & troubleshooting labs for students on Switching technologies, Routing Protocols and Access control list.
- Grading labs and help students with networking concepts and related labs.

O&M Team Lead

Myson Engineering Services

March 2012 – August 2013

Responsibilities:

- Provided field operations support to customers in accordance with the terms of the customer contract and Service Level Agreements (SLAs).
- Worked as Person of Contact for Mobilink GSM with Alcatel Lucent as a customer.
- Troubleshooting down sites , Sectors.
- Troubleshooting and configuration problems in NEC, Dragon-Wave Microwave Transmission Links.
- Handled customer immense pressure and providing upto date information about on-site troubleshooting and other feedbacks.
- Carried out documentation and presentation to customer about project accomplishments.
- Handled issues like WiMax down Sites, GSM/WiMax Trouble Tickets open on NOC Web Portal.
- Running daily maintenance checks along with monitoring.
- Liaising with FLM Engineers on site to carry out 24/7 network Operation & Maintenance activities on the Network Elements to ensure that faults and performance degradations are corrected as per customer requirements.

O&M Engineer

EPTSC –An Orascom Telecommunication company

September 2011 – March 2012

Responsibilities:

- Troubleshooting commissioning and configure of transmission Links
- Successfully Conducted meeting with Managers as Team coordinator
- Kept the region stable by reducing and troubleshooting on call Alarms.
- Assisted teams on scheduled maintenance activities.
- Alarms verification and clearing by NOC.
- NEC transmission equipment for implementation, commissioning and troubleshooting.
- Troubleshooting Alcatel WBS.

EDUCATION:

M.S (Electrical Engineering – Dec 2014)

Wichita State University Wichita, KS, USA.

GPA: 3.89/4

B.E (Telecommunication - Jan 2009)

Mehran University of Engineering & Technology Jamshoro.

GPA: 3.64/4

CERTIFICATION AND TRAININGS:

- Cisco Certified Network Associate (640-802 - **CISCO ID: CSC012255370**)
- Implementing Cisco IP routing (642-902 -- **CISCO ID: CSC012255370**)
- Fiber optics specialist course: Handling with Fiber optics, Splicing, OTDR.
- Wireless Networking: Technical course for GSM, Antenna Sectorization, Transmission links.

EXTRA-CURRICULAR:

- Worked as volunteer and organizer for charitable hospital.
- Arranging Medical Camps in a small town for patients.
- Keen in sports like cricket, table tennis and chess.