

Shekar Battu

Network Engineer

Fort Wayne, IN - Email me on Indeed: [indeed.com/r/Shekar-Battu/62f4bc2a03743b02](https://www.indeed.com/r/Shekar-Battu/62f4bc2a03743b02)

- > Having 3 +years of experience as Network Engineer in Routing, and Switching, including hands-on experience in providing network support, installation and analysis for a broad range of LAN / WAN communication systems.
- > Experience of routing protocols like EIGRP, OSPF, RIP, and BGP
- > Good knowledge in network hardware and technologies including routers, switches, bridges, hubs, Ethernet, frame relay, wireless, etc.
- > Experienced in Desktop, Laptop and other network device configuration and troubleshooting.
- > Experience in LAN, TCP/IP and OSI models.
- > Network connectivity troubleshooting using ping, trace route, telnet, SSH.
- > Hands on working experience on Wireless LAN controller and Access Point for wireless LAN.
- > Troubleshoot the Network Issues onsite and remotely depending on the severity of the issues.
- > Worked on Network Topologies and Configurations, Routers, Frame Relay, Token Ring, ATM, Bridges, Switches, Hubs and Repeaters.
- > Experienced in trouble-shooting both connectivity issues and hardware problems on Cisco based networks
- > Excellent leadership with good written and oral communication.
- > Adept in requirements analysis, network design, installation, configuration, maintenance and administration.
- > Hand on experience on IP Addressing, Sub netting
- > Experience in designing, implementation and operations of enterprise data networks as Network Engineer.
- > . Enterprise Switching with VLANs, Trunks, Spanning Tree, Port Spanning etc.
- > Sound knowledge in LAN/WAN setup, installation, configuration, and troubleshooting
- > Experience in Layer 3 Routing Protocol configurations: RIP, OSPF, BGP, EIGRP.

WORK EXPERIENCE

Network Engineer

Technocrat Automation - Chennai, Tamil Nadu - February 2014 to January 2015

Job description:

Worked on day to day business issues based on networking, to resolve the problems in the company. Need to work on coordination with the team members and the management to maintain the proper work flow. Worked as the main team member to detect the problems in the network, fault detection, resolving the network issues and establishment of the redundancy connections for the company, and worked on the documentation of the problems and maintaining the secrecy.

Responsibilities:

- Hand on experience on IP Addressing, Sub netting
- Experience in designing, implementation and operations of enterprise data networks as Network Engineer.
- Enterprise Switching with VLANs, Trunks, Spanning Tree, Port Spanning etc.
- Sound knowledge in LAN/WAN setup, installation, configuration, and troubleshooting
- Experience in Layer 3 Routing Protocol configurations: RIP, OSPF, BGP, EIGRP
- Experienced in trouble-shooting both connectivity issues and hardware problems on Cisco based networks
- Excellent leadership with good written and oral communication.
- Good knowledge in network hardware and technologies including routers, switches, bridges, hubs, Ethernet, frame relay, wireless, etc.
- Experienced in Desktop, Laptop and other network device configuration and troubleshooting.

- Experience in LAN, TCP/IP and OSI models.
- Redistribution of routing protocols and Frame-Relay configuration.
- Network Migration from RIP to OSPF.
- Experience on PLC and SCADA projects.
- Experience on AB PLC interfacing with SCADA.
- Experience on the LADDER programs.
- Automation and Industrial Control.

Network Engineer

Pushpak technologies - Hyderabad, ANDHRA PRADESH, IN - August 2012 to January 2014

Job description:

In this project, mainly we worked on network issues like troubleshooting, fault detection, analysis and maintenance. Working on the environment of routers, switches and all the communication equipment to maintain the connection. Documentation of the network issues for the future purpose. Network security is the main critical issue, to keep the documents safe.

Responsibilities:

- Configuring IP, RIP, EIGRP, OSPF and BGP in routers.
- Switching related tasks included implementing VLANs, VTP, STP and configuring on Fast Ethernet
- Configured and resolved various OSPF issues in an OSPF multi area environment
- Worked on CSR in answering phones, scheduling, and working with estimators in the office.
- Analyzed and tested network protocols (Ethernet, TCP/IP) using Wireshark tool.
- Provided redundancy in a multi homed Border Gateway Protocol (BGP) network by tuning AS-path.
- Configured VLANs with 802.1q tagging. Configured Trunk groups, ether channels, and Spanning tree for creating Access/distribution and core layer switching architecture.
- Working on the cisco advanced functions
- Created and delivered internal trainings for BGP.
- Involved in the removal of EIGRP from all devices and making OSPF the primary routing protocol.
- Experienced in trouble-shooting both connectivity issues and hardware problems on Cisco based networks
- Excellent leadership with good written and oral communication.
- Build and maintain Visio documentations for Clients.
- Troubleshoot Windows 2000 Servers and streamlining the user policy.
- Managing User accounts using Active Directory.
- Storage systems such SAN, ISCSI, NFS.
- Investigating, diagnosing and resolve all network problems.
- Train the new employees.

PROJECT:1

Project Title: Broad Band and Routing Protocols

Role: Team Leader

Description: Project mainly deals with the configuration of CISCO & DAX Routers

(CISCO3640 & DAX 1800) for forwarding the packets via the WAN interface. The project also explains how networks are interconnected and functionality of routing, routing the packets to the destinations via the WAN interfaces.

Responsibilities

- Working knowledge on LAN/WAN setup, installation, configuration, and troubleshooting
- Strong hands on experience in Troubleshooting for QOS, connectivity and hardware problems on Cisco Networks
- Maintaining the top-level secrecy in the network issues and company documentations
- Working on network performance, tuning issues and the fault management issues
- Maintained network security technologies and services

- Working on physical interfaces such as Gigabit, Fast Ethernet and Serial interfaces
- Configuration and implementation of various Cisco Routers and L2 Switches.
- Knowledge and skill of 802.11 a/b/g/n LAN normal for wireless Technology
- Configured and resolved various OSPF issues in an OSPF multi area environment
- Involved in the removal of EIGRP from all devices and making OSPF the primary routing protocol.
- Involved in the modification and removal of BGP from the MPLS routers.
- Also, prepared documentation for various VLAN's and Voice subnetworks and worked on Visio for the same.
- Installed, and configured Cisco routers (7200, 3600, and 2800) and Cisco switches (6500, 4500, 2950 and 1900 series).
- Implemented static routing, routing protocols (OSPF, and BGP), switching (VLANs, VTP Domains, STP, and trucking).
- Implemented 3 tier architecture in the network segregating and deploying core, distribution, and access layer switches

PROJECT:2

Project Title: GSM Controlled Robotic Arm

Role: Team Leader

Description: Project mainly aimed at controlling a robotic arm through complex programs integrated to simple buttons of a mobile phone transmitted through GSM network in turn enabling the complete control of the robotic arm through a mobile device. The project involved the use of stepper motors, microcontroller, DTMF decoder and GSM mobiles.

Responsibilities

- Worked on GSM mobile system applications
- Installation of the DTMF decoder and stepper motor to the circuit board
- Taking the main lead in the implementation of the project
- Preparation of the documentation and presentations about the project.
- Worked with the networks to execute the program.

SKILLS

Programming skills: C, C++

Operating Systems: Windows XP, Windows Vista, 7, 8

Hardware Skills: Assembling and disassembling.

Areas of knowledge: Industrial automation plc and Scada

Digital and analog electronics

Microcontrollers and processors

Product management and innovation strategies

AREAS OF KNOWLEDGE

- Storage areas of networking like SAN, NAS and virtualization concepts
- Knowledge on electronics and communication areas.
- Knowledge on industrial automation PLC'S and SCADA
- Engineering management and product development
- Six sigma
- IP phones and Wi-Fi routers

SKILLS

BGP (2 years), Cisco (2 years), EIGRP (2 years), Ethernet (2 years), LAN (2 years)

ADDITIONAL INFORMATION

TECHNICAL SKILLS:

Routers Cisco (ASR 9k, 1000, 7200)

LAN technologies Ethernet, Fast Ethernet, Gigabit Ethernet

Routing Protocols RIP, OSPF, EIGRP, BGP

Switching protocols VTP, STP, RSTP

Physical interfaces: Fast Ethernet, Gigabit Ethernet, Serial

Computer Skills: C and MATLAB.

Operating Systems Windows (XP, Server [...]) Windows 7, Linux

IP Address IPV4/IPV6 addressing

Communication Concepts Multicasting, TDMA, FDMA, CDMA, W-CDMA, GSM, DSL