SHASHI KANT TIWARI

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Address of Correspondence -
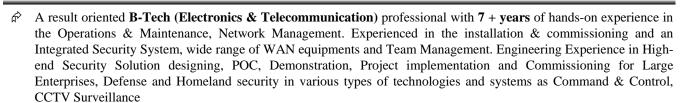QR .NO, L -4/12, New Cable Town Tamarind Road
Po – Golmuri, Jamshedpur (Jharkhand)
Pin - 831003

~ Installation & Commissioning ~ Configuration ~ Operations & Maintenance ~ Technical Support ~ Network monitoring ~ Lease Line~ Vast~ video conferencing~ Integrated Security System~ CCTV

PROFESSIONAL BRIEF

✧ A result oriented **B-Tech (Electronics & Telecommunication)** professional with **7 + years** of hands-on experience in the Operations & Maintenance, Network Management. Experienced in the installation & commissioning and an Integrated Security System, wide range of WAN equipments and Team Management. Engineering Experience in High-end Security Solution designing, POC, Demonstration, Project implementation and Commissioning for Large Enterprises, Defense and Homeland security in various types of technologies and systems as Command & Control, CCTV Surveillance

✧ Adept in analyzing the repetitive problems and ensuring root cause solutions.

✧ Dedicated and highly ambitious to achieve personal and organizational goals.

ORGANISATIONAL PREVIEW

Current Employer:

TASEC LTD. (A TATA Advanced Systems Company) as a Sr.Network Engineer
Tenure: 14th Sep 2015 to till.

Project   : **Integrated Security Solution (ISS)**
Customer   : **TATA STEEL LTD**
Product Used   : **Cisco Routers, Switches & HP Server**

Project Profile:

ISS Project itself is to Provides Integrated Security Solution. It's a large-scale project in the field of security with various types of technologies and systems as Command & Control, CCTV Surveillance, VMS, NVR, DVR, Access Control & Denial, Perimeter Protection, Unattended/Under ground sensors, Time & Attendance, Public Address Systems, Servers, Storage Technology, Wired & Wireless Networking solutions. We are using CCTV Camera, Access controls System, VMS, Cisco 3500, 2960, 300, 3850,3010, Nexus 5548 UP & Nexus 2232 TM, SAN Switch, Blade Server, Rack Server, FC Storage Fiber of 12 and 24 Core and Cat 6 as UTP cable is used here.

Company Profile:

TASEC Limited is a wholly owned subsidiary of **TATA Advanced Systems Ltd**. (TASL). TASEC Limited was incorporated in 2010 to address the homeland security market in India. TASEC Limited offers innovative technology solutions in areas of Critical infrastructure and Border protection, Urban Security and Surveillance, Transportation, Law enforcement and for ensuring adequate preparedness for natural disasters.

Job Profile:

✧ Leading a team of 4 Engineers in installation & commissioning department.
✧ Data Center Implementation & Network architecture.
✧ Part of design Team to make, LLD, HLD (High Level Design), SLD (Single Line Diagram), and Detail design
✧ Implementing Access List.
✧ Router: Cisco (7600, 7200, 2800, 2600, 2500, 1800,1700 and ASR 1002 series)
✧ Switch: Cisco catalyst3500 & 2960,300,3750,3850.3100 series.
✧ Nexus 5548 UP & Nexus 2232 TM
✧ IP & Mac address binding of system.
✧ Configuring redistribution.
✧ Implementing Inter-Vlan routing, trunking (ISL and dot1q)
✧ Implementing HSRP in core switches for the router redundancy.
✧ Configuration of VLAN/VTP, HSRP/ STP/PVST+, Ether Channel, L3, L2 switching. Policy based routing
✧ Responsible for design, documentation, execution, and acceptance test of network connectivity media including OFC

and wireless.
- ✧ Planning of IP addressing scheme using subnetting, CIDR and VLSM to meet design requirements.
- ✧ Work on Routing Protocol (OSPF, EIGRP, IGRP, RIP), Routed Protocol (TCP/IP).
- ✧ Implemented what's-Up Gold Network Monitoring utility for Online Monitoring of WAN & LAN links which helped in maintaining 99.9% network up time.
- ✧ Providing IP Address allocation and administration.
- ✧ Knowledge of Hubs, switches, Routers, Modems, Optical fibers, Repeaters.
- ✧ Working knowledge of LAN, WAN.
- ✧ Troubleshooting of Layer-2 and Layer-3 devices.
- ✧ Configuring CCTV Camera & NVR Servers.
- ✧ Configuring and troubleshooting of all passive network such as optic fiber modules, OFC patch cord, SFP modules
- ✧ Responsible for design, documentation, execution, and acceptance test of data communication network.
- ✧ Involving in technical troubleshooting, resource and task planning and team meeting for reviewing progress.
- ✧ Planning & scheduling site activity to minimize down time of network.
- ✧ Maintaining day by day updating in database and sharp reporting to our superiors.
- ✧ Co-ordination with vendor client & all team members.
- ✧ Designing, Planning Network structured cabling & managing my team.
- ✧ Milestone based project planning and execution.
- ✧ Prepared SOW (scope of work) and other processes.
- ✧ Prepared planning and engineering reports.
- ✧ Raise the PR (Purchase Request) for required Project material & BOQ Preparation.
- ✧ Coordinating with the procurement department for timely supply of Material.
- ✧ Coordinating with the client for the approval of the drawing, documents.
- ✧ Responsible for POC (Proof of Concept)
- ✧ Working with design team to finish and verify cable schedules, termination and Working drawings.
- ✧ Helping the site team in understanding engineering drawing and on-site troubleshooting.
- ✧ Wired & Wireless Networking solutions.
- ✧ Pre-Installation Meetings with Client.
- ✧ Project Supervision and execution.

Project	**: Surveillance Solution Implementation-Hot Metal Logistics**
Customer	**: TATA STEEL LTD**
Product Used	**: Camera, Switch, Wireless, Server**
Location	**: Jamshedpur**
Duration	**: 16 November'2016 to 25th January'2017**

Job Profile: - (Execution & Commissioning Incharge)
- ✧ Project execution, commissioning & handover.
- ✧ Configuration of all devices like Cameras, Cisco Switch, Ubiquity wireless Radio, Servers etc.
- ✧ All devices installed as per design.
- ✧ Site /Network Designing and Planning.
- ✧ Commissioning and Acceptance of All systems.
- ✧ Coordinating with the client for the approval of the drawing, documents.
- ✧ Preparation of all technical documents for handover to customer.
- ✧ Co-ordination with vendor client & all team members.
- ✧ Inspection of test report & preparation of document.
- ✧ I am responsible for the execution and completion of the project within the time limited and handing over the project is also the part of my Job.

Previous Employer

1). M/s Wipro InfoTech Ltd., as Network Engineer
Tenure: 4th May 2012 to 12th Sep 2015

Project	**: NICNET**
Customer	**: NIC Jharkhand (Government of India)**
Product Used	**: Cisco Routers & Switches**
Service provider	**: BSNL, Railtel, Reliance**

Project Profile:

NICNET is a project which provides connectivity to DC offices, SP office, Post offices, Civil Court and all Jharkhand state government office. We are using Cisco7609, 1002ASR, 2800, 1841 routers, 500 & 2960 catalyst switch, Fiber of 12 and 24 Core and Cat 6 as UTP cable is Used here.

Company Profile:

Wipro Ltd (NYSE: WIT) is a global information technology, consulting and outsourcing company with 160,000+ workforce serving clients in 175+ cities across 6 continents. The company posted revenues of $7.6 billion for the financial year ended Mar 31, 2015. Wipro helps customers do business better by leveraging our industry-wide experience, deep technology expertise, comprehensive portfolio of services and vertically aligned business model. Our 55+ dedicated emerging technologies 'Centers of Excellence' enable us to harness the latest technology for delivering business capability to our clients.

Job Profile:
- Leading a team of 2 Engineers in operational and maintenance department.
- Managing of District Headquarters Data Center.
- Implementing Access List
- Managing of video conferencing through lease line & vast.
- Configuring ASR 1002 router, 2800 series router.
- IP & Mac address binding of system.
- Managing trend micro office scan antivirus.
- VLAN configuration & trouble shooting
- Redistribution, Advanced IGP redistribution
- Policy based routing
- Work on Routing Protocol (OSPF, EIGRP, IGRP, RIP), Routed Protocol (TCP/IP).
- Configuring catalyst Express 500 & 2960 catalyst switch.
- Knowledge of Hubs, switches, Routers, Modems, Optical fibers, Repeaters.
- Working knowledge of LAN, WAN.
- Monitoring of e-governance project likes Jharkhand SWAN (Jharkhand Wind Area Network).

Previous Employer

2). M/s United Telecoms Ltd., as Network Engineer
Tenure:2ᵗʰ January 2010 to 03ᵗʰ may 2012

Project	**: JHARNET (SWAN)**
Customer	**: JAP-IT (State government of Jharkhand)**
Product Used	**: Cisco Routers & Switches**
Service provider	**: BSNL, Airtel, TCL, Reliance, Power grid**

Project Profile:

JHRNET is a project which provides connectivity Voice, Data & video conferencing facilities to DC offices, SP office, Civil Court, Sub Division Office, Block office and all Jharkhand state government office. We are using Cisco3800,1700, 2800, routers.2960, D-link switches Fiber of 12 and 24 Core and Cat 6 as UTP cable is Used here.

Company Profile:

United Telecoms Limited (UTL) Group is a Bangalore based, 3-decade old ICT Solutions Company with wide experience in setting up telecom networks, e-governance networks and solutions including transport sector. UTL is managed by a competent group of Professional executives representing technical, administrative, marketing, sales and financial functions. UTL Group of Companies are engaged in Design, Manufacturing, Software development in the areas of telecommunications (all sectors - wired, wireless & fiber optic), networking, systems integration, software solutions, Contract R&D, PCB manufacturing, microelectronics design, precision engineering plastics tooling and molding etc.

Job Profile:
- Managing 3 District Headquarters Data Center, 6 sub Divisional Headquarters Data Center & 31 blocks Data Center each connected with 2 Mbps.
- Configuring Cisco router (series 1700,2500,3800) & Switches (series catalyst 2960)
- Work on Routing Protocol (OSPF, EIGRP, IGRP, RIP), Routed Protocol (TCP/IP).

- ⚘ RF Tower Installation
- ⚘ Implementing access list, NAT configuration
- ⚘ Backing up and Restoring IOS and Configuration
- ⚘ WAN, LAN, Voice and Video solutions, implementing, and troubleshooting networks, giving support to customers
- ⚘ Implementing and Troubleshooting Routers, Switches, Leased line Modems, IP Telephony, Video Systems.
- ⚘ Installation and troubleshooting of Leased Lines
- ⚘ Technical support on Implementation & Maintenance of 2Mbps Leased line
- ⚘ Structured cable laying plan and connectivity & Installation of Switch Rack, Jack panel, Network appliance

PASSPORT DETAIL

- ⚘ Passport no: - K6405512
- ⚘ Date of issue: - 28/08/2012
- ⚘ Place of issue: - Ranchi
- ⚘ Expiry Date: - 27/08/2022

ACADEMIC QUALIFICATION

- ⚘ 10th Passed from B.S.E.B Patna
- ⚘ 12th Passed from B.S.E.B Patna

SCHOLASTICS

- ⚘ B. Tech in Electronics & Telecommunication Engineering from KSOU
- ⚘ Diploma in Electronics & telecommunication Engineering from RVDU Rajasthan
- ⚘ Institute: Birsa Institute of Technology Trust (Ranchi)

TECHNICAL EXPERTISE

- ⚘ Cisco Certified Network Associates (CCNA). Cisco ID - CSCO12640088
- ⚘ Cisco Certified Network Professional (CCNP) R, S & T Trained from IIHT Jamshedpur

ACHIEVEMENT & APPRECIATIONS

- ⚘ Received Value Champ award as a part of R&R for Leadership in developing strong Network & Internet facility working with TASEC Ltd.
- ⚘ Received Appreciation from Superintendent of police, Seraikella-Kharsawan for IT Training and support while working with TASEC Ltd.
- ⚘ Received Appreciation from District Informatics Officer of NIC (Government of India) for Outstanding Network Support while working with Wipro InfoTech Ltd.
- ⚘ Received Appreciation from Executive Magistrate (Government of Jharkhand) for providing Technical support in Election while working with Wipro InfoTech Ltd.
- ⚘ Received Appreciation from Social Security Officer (Government of Jharkhand) for providing Technical support in National Social Assistance Programme while working with Wipro InfoTech Ltd.

TRAININGS UNDERGONE & OTHER COURSES

- ⚘ Training of CRO from SCIENTECH Learning Center, Indoor (Madhya Pradesh)
- ⚘ Diploma in Computers from career.net (Ranchi)
- ⚘ C & c++ programming from career.net (Ranchi)

DETAILS

Name: Shashi Kant Tiwari
Father's Name: Sri Braj Nandan Tiwari
Date of Birth: 12th Jan 1991.
Language Known: Hindi & English
Nationality: Indian
Marital Status: Unmarried
Pan No: AKQPT2519M

DATE: **(Shashi Kant Tiwari)**