Santosh Mahato

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Profile Summary

Electronics and Communications Engineer, currently working in the role of **IT&C Engineer** at Satluj Arun 3 Power Development Company at Tumlingtar, Nepal.

Formerly worked **as IT Tech manager** in Alert Technology (Project Jagdamba Steel Pvt Ltd.). For **10 months**

Formerly worked as **QA/QC (Layer 1)** and **Configuration of network devices LAYER 2 and 3** at AL Bayt Stadium Structured Cabling and Data Center Project in Al Mana Computer Services. For **3.5 years**.

Formerly worked as **Network Engineer** with Broad link Communications, Nepal. For **1 year.**

CISCO CCNP 350-401 CERTIFIED (CSCO13386208)

CISCO CCNA 200-301 CERTIFIED.

FORTIGATE NSE 2 CERTIFIED.

Currently open to take up similar roles or want to get experience in new fields.

Academic Qualifications

- **B.E in Electronic and Communication Engineering** - KS school of Engineering and management, VTU University, Bangalore India 2016
- **10+2 Physic, Chemistry and Mathematics –** Model Multiple College- Higher secondary board, Nepal.

Work Experience

COMPANY	ROLES AND RESPONSIBILITIES
SAPDC (Satluj Arun 3 Power Development Company) july 2022 to till date.	• Leading IT related work (Headquarter and two branch office i.e. dam site and Power house) with existing Network. • Managing Daily IT Operations including SAP Software Operations. • Preparing network related cases for better improvement for internet/internet to international Gateway server to India. • VPN communication between Head office Tumlingtar to India office through **international Gateway**. • **Network System upgradation and maintenance with Fortigate Firewall and Sophos Firewall, Cisco Switches and Routers, Extreme Access points**. • Managing NTC Telecom BTS Provided to SAPDC Networking. • Maintaining and providing solution for Laptop, Desktop, Printer, Radio Communication and Satellite Phone Communication. • Monitoring the existing network, EPABX (Matrix). • Make report of Radio Communication of Government Nepal Telecom connected to branch i.e. Power House and Dam Site.
Alert Technology As Technical Manager Kathmandu Nepal 2021 Sep to Jun 2022 (Project Site Jagdamba Steel Pvt limited Simara)	• Leading Project • Provide Technical Related Solution • Cisco switch and Access point configurations • Window server 2019 configuration in Dell EMC server. • HikCentral server and Client support software and Decoder Configuration.

Almana Computer Services (Gulf Business Machine) AL Bayt Stadium FIFA World Cup 2022 Al-khor Jun 2019 to Aug 2021	• Testing & commissioning of ICT, Fiber Optic, Access control, Network racks, and CAT6A & Fiber Optic patch panel installations as per Design. • Analyzing Cat6 and Fiber optic Fluke test reports and Preparing ATP for T&C inspection. • Site leading, Preparing the Daily activities and site Progress reports. • Raising and performing Inspection request for Structural cabling Layer 1 (ICT, Access control cable), Network racks, CAT6A and Fiber optic Patch panels, Gateway, Gateway sensors installations, WYR grid, Fiber runner Installation. • Providing CAT6A and Fiber optic wiring diagram & Schematic /Single Line Drawings. • Site surveying and network Mapping. • Panduit Smart Zone server (DCIM), Event management, Software and Hardware installation and Configuration at the Data Centre. • Data center server Hardware and window server OS installation. • Configuration of Window server with DNS, NTP, FTP, SMTP, and SNMP protocols at Data Centre. • Trouble shooting computer hardware, Network router and switches.
Almana Compute Services March 2018 to Jun 2019	• Access control, CCTV configuration and installation. • SEDCO self-services kiosks installation and configuration. • Worked in Cisco and Extreme networks environments. • Monitoring network Fluctuation of all Distribution layers throughout Nepal.
Broad link Communication Network Engineer Dec 2016) – Dec 2017	• Configuring of Network Switches, Router, Wireless AP's • Troubleshooting the network issues, registering mac of ONU devices • Managing Network Distribution and access layers. • Town planning and designing for Fiber Optic cabling at Siraha District. • Supervising different Teams working across Nepal.

Technical Skills

- o **Cisco Certified Specialist- Enterprise Core (CCNP 350-401)**
- o **Internetworking Cisco Networking Devices Part 1 Certified.**
- o **CCNA CERTIFIED (200-301).**
- o **Network security Association certified. (NSE 2 Fortunate)**
- o **Cisco Router, switches, Aps and WLC installation and configuration.**
- o **Access Control System Installation and Configuration.**
- o **CCTV Security system Installation and Configuration.**
- o **Installation, Configuration, and operation of SQL server 2012 and 2017.**
- o Installation of Windows OS Win10/8/ 7/ server 2012/2019 based on the Requirements.
- o Strong practical and conceptual knowledge in "IT/ELV system" especially Data, Voice and Security systems like CCTV System, Access control system, ANS and PA/VA Systems (configurations).
- o Testing & Commissioning for ELV systems.

- o   Panduit Smart Zone Software installation and Configurations.
- o   VM ware and Hyper V software installation and operations.
- o   MikroTik and wireless device configurations.
- o   Basic Firewall Configurations (Sophos).
- o   TCP/IP, Routing and Switching (Layer 1, 2, and 3).
- o   Manage and Operate Data Center.
- o   Basic of GPO and Active Directory (window server 2012/2019).
- o   Desktop and Laptop assembling and Trouble Shooting.
- o   LAN & WAN Implementation and Trouble shooting.
- o   Remote Administration & Remote Assistance.
- o   Microprocessor, Microcontroller Programming I.e. Assembly language.
- o   CSS beginner in HTML.
- o   C/C++, java Programming Language.

Professional Achievements

4th Position on Android App Development.

Personal Details

Birth Date:	January 18, 1994
Gender:	Male
Nationality:	Nepali
Status:	Single
Languages:	English, Hindi, Nepali, Kannada.

Reference

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- **Bikash Shrestha**
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