



Arun Kumar Singh

Flat, 3094, Blk-A, Tower-6, Crossing Republik, Ghaziabad,
Mob: +91 9313066388 ♦ Email: aksingh1966@hotmail.com

*B.E., accomplished **Optical Fiber Network Specialist** with Plus 25+ yrs in Optical Telecom Network Industry, Currently Consultant Converged Networks, at Yash Networks India. since 2018 and worked as Director Technology at Yash Sigure Technologies India Pvt. Limited, Yash Telecom Pvt. Ltd., As Consultant for FTTH to Quippo Infrastructure (An SREI group company), Linksoft at Kenya, SERVTEK NIGERIA, FibExp MAURITUS & PARAMOUNT Cables India.*

Designing, Managing, Installing & Testing Optical Networks ~ FTTH deployment, IP MPLS Networks, PDH/SDH Installation, Opti Mux 2/8Mb installation, OSP, IP Surveillance / SCADA on OFC ~ LAN/WAN with UTP/Fiber ~ Fiber to the Home for Voice, Data & Video on GPON/GEAPON/AON, Fiber To the Room for Hospitality Industry, Multi Services Converged Network on Fiber for Pre Paid Metering, HVAC, SCADA application

Seeking to be an effective catalyst in motivating & team building through value added initiatives, customer orientation, dedication and positively contributing to organizational growth and enhancement in field of
–SMART Cities/ SMART Village Projects, Fiber optic Network, Optical Telecom/IP Surveillance/FTTH/FTTV

Career Overview

- **Optical Fiber Cable - establishing LAN & WAN Division:**
Approx 1000 Branches of SBI all over Northern India ♦ Central Bank of India ♦ Dena Bank ♦ PNB ♦ SBOP ♦ SBBJ ♦ IIT, Kanpur ♦ Govt. Polytechnic, U.P.
- **Optical Fiber Cable - Services Provided (Yash Telecom Pvt. Ltd.):**
Data, Voice and Video Communication ♦ Optical Fibre Telecom ♦ LAN & WAN Consultancy Services ♦ Software Development ♦ Internet on Cable TV Infrastructure ♦ Call Centre set up ♦ Different Broadband services
- **Optical Fibre Telecom - Tie up with leading Telecom Service Providers:**
TCIL ♦ IRCON ♦ IOCL ♦ BSNL ♦ Railtel Corpn. of India Ltd. ♦ Sterlite Industries Ltd. ♦ RITES ♦ Bharti Telesonic Ltd. ♦ Reliance ♦ MTNL ♦ VSNL
- **Services to Companies on Optical Fiber Cable & other Cables:**
BHEL ♦ IIM, Lucknow ♦ Supreme Telecom Ltd. ♦ ITI Ltd., NTPC Project, Shaktinagar ♦ Usha Beltron Ltd. ♦ Hindalco Industries Ltd., Renukoot, U.P. ♦ Rajiv Gandhi Project, Rajasthan ♦ W. S. Ind. Ltd., Bangalore ♦ Aksh Broadband Ltd., Jaipur ♦ A No. of Cable TV Operators in India for their LAN work ♦ A No. of ISPs in India for their LAN to carry out proper & fast Bandwidth (End to End Connectivity) ♦ Sahara Net Corpn. Ltd., Lucknow ♦ Sahara India Parivar, Lucknow ♦ HCL, Lucknow ♦ HAL, Lucknow ♦ UPTRON India Ltd., Lucknow ♦ Crompton Greaves Ltd. ♦ GAIL, Ajmer ♦ Global Telelinks GmbH

Career History

Yash Sigure Technologies India Pvt. Ltd. - Noida

Director (2009 onwards)

Job Profile:

- Steering various activities with the assistance of 45 and reporting to the Chairman and involved in Marketing of Optical fiber Services such as Fiber to the Home Splicing, Testing, Blowing etc.

- Responsible for Design of Optical fiber base Fiber to The Room services for Hospitality Industry for major Companies like IBIS,NOVOTEL,CLARIDGES,PRIDE etc executing Project & Management activities and instrumental in opening New horizon in field of Communications.
- Services Provided:
 - Data, Voice & Video Communication
 - Setting up DATA Center , IPTV Head End , VOIP.
 - Optical Fibre Telecom
 - LAN & WAN Consultancy Services
 - Software Development
 - Internet on Cable TV Infrastructure
 - Call Centre set up
 - Different Broadband services

Achievements:

- FTTR deployment 350 rooms IBIS Bangalore
- FTTR deployment 250 rooms NOVOTEL Bangalore
- FTTR deployment 550 rooms IBIS DIAL , Delhi
- IPTV Head End CLARIDGES.

Yash Telecom Pvt. Ltd. - Lucknow / Noida

Director (2000 onwards)

Job Profile:

- Steering various activities with the assistance of 75 and reporting to the Chairman and involved in Marketing of Optical fiber Services such as Splicing, Testing, Blowing etc.
- Responsible for Design of Optical Networks for major Corporates like HCL, HAL, BHEL etc., executing Project & Management activities and instrumental in opening New horizon in field of Communications.
- Services Provided:
 - Data, Voice & Video Communication
 - Optical Fibre Telecom
 - LAN & WAN Consultancy Services
 - Software Development
 - Internet on Cable TV Infrastructure
 - Call Centre set up
 - Different Broadband services

Achievements:

- Successfully carried out Splicing, Testing of the following Clients:
 - BTL for basic services in Karnataka thru L&T.
 - IOCL through TCIL 500 kms SCADA Link.
 - Jamnagar Loni Gas Pipe line
- Instrumental in providing Fiber to every Village to deliver Broadband Services on fiber in Rajasthan Aksh Broadband Ltd.
- Efficiently carried out the Rectification of Underground Optical fiber Network for RailTel South and effectively acquired the AMC of RailTel Corporation of India Ltd. for around 1000 Kms.

Shiwa Computers & Communication - Lucknow

Manager (1993 - 2000)

Job Profile:

- Led a team of 14 and reported to the CEO and involved in the management of SMPS & CGA /VGA Monitor Unit.
- Responsible for Marketing of SPMS, Monitors and Management of PC Assembly & various LAN Projects.
- Efficiently established the UTP LAN Division in coordination with Zenith Computers Ltd. and also started the Optical Fiber Division for LAN/WAN.

Achievements:

- Instrumental in supplying SMPS 150/250 Watt and Monitors to all major PC Assemblers in U.P.
- Successfully procured the major Order of LAN for State Bank of India covering 500 Branches in collaboration Zenith Computers Ltd.
- Significantly involved in the Optical Fiber Splicing for Telecommunication Consultants of India Ltd. for BSNL in U.P. East Circle for 2000 Kms.
- Efficiently involved in LAN Implementation in the following Locations:
 - Central Bank of India (CBI) - covering 80 Branches in the entire U.P.
 - Institute of Technology (IIT), Kanpur - 2500 Nodes on UTP & Fiber
 - HINDALCO, Renukoot - UTP & Fiber at Renukoot.

UP Hill Electronics Corporation Ltd. - Lucknow

Training Officer (1989 - 1993)

Job Profile:

- Commenced career as a Training Officer, gained exposure in various activities, led a team of 6 and reported to the General Manager.
- Responsible for development of training material for computer literacy course and also Electronics Industry in UP Hills.
- Monitored the Computerization of Dept. of UP Government, trained local youths on aspects of Electronics and involved in Daily Progress of HILTRON franchises including Daily Administration & Financial Activities.

Achievements:

- Successfully launched the Computer Literacy Network by the name of HILTRON in entire U.P. and instrumental in opening total 40 branches in UP.
- Significantly involved in the Computerization activities in various Govt. Organizations:
 - Education Dept. - " Government Normal School" 40 Locations, U.P.
 - SC/ST corporation, U.P.
 - Irrigation Dept., U.P.
- Instrumental in the successful management of TV Assembly line in Muni ki reti Rishikesh and Garhwal Electronics Training Center.

Major Projects

Work Undertaken that Best Illustrates Capability to Handle the Tasks Assigned

Name of Assignment or project: FTTH Deployment for Bharat Telecom Limited Mauritius.

Year: 2011 – 2012

Location: Mauritius

Client: Bharat Telecom Limited.

Main project features:

- To provide Triple Play Services to the Last Mile on Aerial Fiber.
- To design & survey the routes.
- Fixing of position of splitter.
- Acceptance testing of links.

Positions held: Technical Director

Activities performed:

- Tender evaluation and bidding,
- Technological assessment for equipments
- Implementation guidance
- Execution supervision of Project.

Name of Assignment or project: Designer/Consultant to Fiber to The Room for 5 star Hotel Property at NOVOTEL/IBIS Combo, Bangalore

Year: 2010 – 2012

Location: Bangalore . Karnataka.

Client: Accor Hotels Ltd.

Main project features:

- To provide Triple Play Services to the Last Mile on Fiber .
- Setting Up IPTV head End.
- Integration VOIP NEC Switch with our FTTR deployment.
- Access Control RFID in Public Area.
- IP Based Surveillance System in Basement Parking & Public Area.
- Integration of Automation Vehicle Scanners, Guest Baggage Scanners & Full body scanners on IP based Network.
- Integration Of Building Management System on IP Network.

Positions held: Director Technology

Activities performed:

- Tender evaluation and bidding,
- Technological assessment for equipments
- Implementation guidance
- Execution supervision of Project.

Name of Assignment or project: Consultant for Brothers group Bangladesh for establishing SDH

Year: 2009 – 2011

Location: Dhaka, Bangladesh

Client: BCTL, Bangladesh

Main project features:

- To provide SDH connectivity between Upzilla and growth centres in Bangladesh.

Positions held: Project Consultant

Activities performed:

- Tender evaluation and bidding,
- Technological assessment for equipments
- Implementation guidance

Name of Assignment or project: Establishing Optical link between Kanu, Abuja and Meena for about 150 kms along with Teletalk Nigeria Limited .

Year: 2006- 2007

Location: Lagos, Nigeria

Client: Globacom

Main project features:

- To provide Fiber connectivity between Abuja to Meena – 80 kms
- Local ring of 35 kms at Meena
- Designing and execution including testing and inspection.

Positions held: Project Director

Activities performed:

- Steering various activities with the assistance of 10 team members and subcontractors of civil work.

- Responsible for Design of Optical Networks Project Management activities.

Name of Assignment or project: Study of Optical Telecom Infrastructure for Mobile Service provider for Hulas Steel,

Year: 2007

Location: Kathmandu, Nepal

Client: Spice Nepal

Main project features:

- Survey and design to make a Mobile network.

Positions held: Consultant

Activities performed:

- Conducted surveys to provide efficient mobile network with optical backbone.
- Fixing of location of POPs

Name of Assignment or project: Providing Fiber to every Village to deliver Broadband Services on fiber in Rajasthan and Andhra Pradesh for Aksh Broadband Ltd.

Year: 2005- 2008

Location: Rajasthan/Andhra Pradesh

Client: ABNL,

Main project features:

- Instrumental in providing Fiber to every Village to deliver Broadband Services on fiber in Rajasthan and Andhra Pradesh for Aksh Broadband Ltd.

Positions held: Project Director

Activities performed:

- Steering various activities with the assistance of 75 and reporting to the Chairman and involved in Marketing of Optical fiber Services such as Splicing, Testing, Blowing etc.
- Services Provided:
 - Data, Voice & Video Communication
 - Optical Fibre Telecom
 - LAN & WAN Consultancy Services
 - Different Broadband services

Name of Assignment or project: Installation of 10000 lines distributed exchange of VOIP on optical fiber backbone.

Year: 2008

Location: Bokaro, Jharkhand

Client: SAIL, Bokaro Steel Plant,

Main project features:

- Survey, Design and deployment of VOIP over optical fiber

Positions held: Project Director

Activities performed:

- Steering various activities with the assistance of 35 team members.
- Responsible for Design of Optical Networks Project Management activities.
- Services Provided:
 - Voice Communication

Name of Assignment or project: Optical fiber based IP Surveillance with Score Information Technologies Ltd

Year: 2008

Location: Vishakhakhapatnam

Client: Vizag Steel Plant,

Positions held :

Main project features: IP Surveillance on OFC installing 70 fixed camera and 12 PTZ Dome Camera Varient make with facility to record for 24x7 days.

Activities performed: Designing, Installation, Testing, Commissioning, Maintaining the aerial Optical Fiber Cable (OFC) Network

Name of Assignment or project: Fiber optic based SCADA network for IOCL between Haldia port to Barauni Refinery with TCIL

Year: 1995-1997

Location: Haldia to Barauni

Client: IOCL

Positions held :

Main project features: Fiber optics was used as backbone for managing Telecom and SCADA signals.

Activities performed: Implementation of SM optical fiber network on 6 Fiber

Name of Assignment or project: : UTP & Fiber

Year: 1993 - 1996

Location: Lucknow and Kanpur

Client: State Bank of India, Uttar Pradesh

Positions held :

Main project features: : Local Area Networking of 500 nos branches of SBI on UTP CAT-5 cables. LAN of Main Branches of Lucknow & Kanpur with UTP and Optical fiber Backbone

Activities performed: Designing of Network, Management of Team Deployed and final Testing by LAN CAT -5 Cable Tester.

Name of Assignment or project: IT network for B Ed colleges in Uttar Pradesh

Year: 1992-1993

Location: Uttar Pradesh

Client: UP Education Department

Positions held : Training Officer.

Optical fiber based IP Surveillance (2007 - till date)

Client: Score Information Technologies Ltd. (RP Bhawan & Lajpat Nagar - New Delhi and Vizag Steel Plant)

Outine: IP Surveillance on OFC installing 70 fixed camera and 12 PTZ Dome Camera Varient make with facility to record for 24x7 days.

Responsibilities:

- Designing, Installation, Testing, Commissioning, Maintaining the aerial Optical FiberCable (OFC) Network .

Aerial Optical Fiber Ring (2004)

Client: Aksh Broadband Ltd., Jaipur

Outine: A unique Project (First of its own kind in Rural India) for converging all the 3 types of services like Broadband Internet, IP-Telephony and Cable TV on Optical fiber to every gram Panchayat.

Responsibilities:

- Designing, Installation, Testing, Commissioning and Maintaining the aerial OFC Network

UTP & Fiber

Client 1: IIT, Kanpur (1997 - 1998)

Outine: LAN for IIT Kanpur for entire campus with OFC backbone connecting Layer - 2 Managed Switches with backbone Switches on 100 Mbps and Last mile on 10/100 Mbps and Backbone on 100 Base Fx link thru Multimode Optical Fiber.

Responsibilities:

- ✦ Designing of Network, Management of execution teams and installation & Testing of Links on UTP & Fiber.

Client 2: State Bank of India, Uttar Pradesh (1993 - 1996)

Outine:Local Area Networking of 1500 nos branches of SBI on UTP CAT-5 cables. LAN of Main Branches of Lucknow & Kanpur with UTP and Optical fiber Backbone

Responsibilities:

- ✦ Designing of Network, Management of Team Deployed and final Testing by LAN CAT -5 Cable Tester.

Education

- ✦ **B.E. - Computer Science & Engineering (Optical Fiber Network),** REC, Gulbarga University (1988)
- ✦ **AutoCAD (Building Drawing),** AutoCAD (1990)
- ✦ **MS Project 2013**

Trainings

- ✦ **FTTH ~ LAN / WAN ~ Optical Fiber Network Designing & Commissioning**

Personal Information

- ✦ **Date of Birth:** 1st September 1966
- ✦ **Languages:** English and Hindi
- ✦ **IT Skills:** Adobe Photoshop, TCP / IP and Windows 2K / XP