

Rajeshwar Babu Pitta
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CAREER SUMMARY:

- Around 3.6 years of functional experience in the AutoCAD and Telecom sector with extensive planning, organizing and handling difficult situations.
- Strong analytical and communication skills. Strong ambition to produce results independently and within a team environment, self-motivated, committed and enthusiastic.
- can express ideas and thoughts in an impressive manner and I am willing to work and learn with innovative technologies.

SKILL SET:

- AutoCAD 2D & 3D, Catia V5, Pro-E.
- 3-Gis, Q-gis, ArcGis, frogs,
- HTML, CSS, Bootstrap.

EDUCATIONAL QUALIFICATION:

- B.Tech in Mechanical with 67% from JAYAMUKHI INSTITUTE OF TECHNOLOGY & SCIENCES, Warangal, Telangana, India.

ORGANIZATIONAL EXPERIENCE:

- Total work experience is 3.6 years in AutoCAD and Telecom Sector.
- Currently Working in **Cyient Ltd** as a **Trainee Engineer**, Since March-2018.

PROJECTS SUMMARY:

Project # 1

Project Title	: Metro Net FTTH Plan & Design
Department/Group	: Telecom (USA Project)
Software used	: AutoCAD, 3-GIS & Google Earth
Role	: Production, Quality Checking and Quality Analysis.
Duration	: 1.6 Years

Description:

Metro Net Technologies is a leading communications provider of high- speed Internet access, full-featured local and long-distance phone, Fiber IPTV with a wide variety of programming and other broadband services to customers in 25 communities. Through its fast, reliable data network, Metro Net delivers data and voice networking communication solutions to residential, business and wholesale customers.

The scope of this project is to Plan and Design FTTH Network, to capture cable, Trench, conduit, Strand, Pole, Pedestal and Handhole, Fiber Allocation and Splicing and other entities of certain telecommunication network facilities and features. Network Design will be performed in Spatial Net which is already loaded with LCP boundary and Land base.

As part of this project, he is responsible for:

- Checking the inputs and if any queries required to inputs from client then inform to client according to the client response, we can do further process.
- Planning & Designing of FTTH Network.
- Performing quality control and Deliver as per the project specifications and checklist.

Scope of work:

The scope is to perform plan & design in Green field with respect to LCP boundary and inputs includes Base mapping with both aerial and underground running lines. Metronet uses Drop/Split topology which is a derivative of distributed split architecture in which multiple splitters (2x8 and 1x4 splitters) are cascaded to achieve a split ratio of 1:32. The Drop split topology is to eliminate the need for a traditional LCP cabinet, maintain the 32-split ratio for the PON ports and maintain the ability to provide redundant paths between the head end/hubs and the primary splitters.

In this project we are connecting SFUs, MDUs & Commercial buildings etc.

- Planning of FTTH fiber routes
- Planning and design of feeder and distribution network.
- Plan and design of Splitters (1x4 and 2x8)

Project #2

Project Title	: Mastec & HM
Software used	: Q-gis & AutoCAD
Role	: Design and Quality Checking
Duration	: 6 Months

Description:

The Comcast is a Telecommunication project based on Hybrid fiber coaxial (HFC). In a hybrid fiber-coaxial cable system, the television channels are sent from the cable system's distribution facility, the head-end, to local communities through optical fiber trunk lines. At the local community, a box called an optical node translates the signal from a light beam to electrical signal, and sends it over coaxial cable lines for distribution to subscriber residences. The fibrotic trunk lines provide adequate bandwidth to allow future expansion and new bandwidth-intensive services.

This project is to create a GIS model of COMCAST Cable TV network. It is now the leading provider of cable, entertainment and communications products and services in the United States of America. This is a multi-year project covering the entire Comcast service territory.

The project scope is to move the following elements to a COMCAST-Provided land-base within the Spatial Net Application environment.

Responsibilities include:

- Addresses & Support network,
- Fiber Network,
- RF Network,
- Quality control, as per the project specifications,
- Delivery Process.

Project # 3

Project Title : Frontier
Client : Frontier Communication Limited, USA
Role : Production and Quality Check.
Application : Frogs, IKE & AutoCAD.
Duration : 6 Months

Description:

It is a Telecommunication Project. This Project mainly deals with Data conflation Services. I have done 2 scopes BAU and WV pole loading. This is a Fiber network online project. For this project we have to login in Client server FROGS.

In Frogs: we are realigning the cables (Aerial, Buried, Fiber), Terminals, Poles and modifying them according to the Client requirement.

In IKE: we measure the height of pole and mid-spans and find out which cables are attached with the pole. As per Client requirement.

Personal Skills:

- Ability to put consistent efforts over long periods of time.
- Adaptable to any type of Environment.
- Industrious and optimistic.

Achievements:

- Achieved 3 times Associate of the Month for the best performance in the project.
- Achieved 3 times Team of the Month for the best performance in the project.

Place: Hyderabad.

Date:

(Rajeshwar Babu Pitta)