Jagadeesh Mahadasyam
Visakhapatnam

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EXPERIENCE SUMMARY

- Having 5.6 years of work experience in Telecom Sector till now as Designing and Planning Engineer.
- Extensive experience in Field operations, Automated Mapping/Facilities Management and GIS production.
- Having knowledge on G-TECH, AutoCAD & Ericson NE & GIS.
- Self-starter, Commitment, results oriented and interested to learn new Technologies.
- Adjusting, understanding & Reacting accordingly to the situations
- Ability to work individual as well as in a team.
- Active panelist in Campus recruitment, walk-ins. Demonstrated ability to easily grasp new ideas, Concepts, methods and technologies.
- Have the ability to work in complex and deadline-oriented environments.
- Strong analytical, problem solving skills, interpersonal skills.

PROFESSIONAL EXPERIENCE

- Working as Trainee Telecomm engineer in **CYIENT LTD** Vishakhapatnam from May-2015 to jan-2017.
- Worked as a Jr. GIS Engineer at **TRIGEO** Technologies pvt lmt, Visakhapatnam from April 2017 to May 2018
- Working as Jr Telecomm engineer in **CYIENT LTD** Visakhapatnam from Dec-2018 to till Now.

EDUCATIONAL QUALIFICATION

- **S.B.T.E.T** (Diploma), Visakhapatnam from Narayana polytechnic college, Srikakulam -2010 to 2013
- **SSC** from Board of Secondary School Certification-2010

TECHNICAL PROFILE

Operating Systems : Windows Family

Tools Used : Small World,
: Micro Station,
: Google maps,
: BST cad
: Aramis, G-Tech, And Auto cad

PROJECT 1: CONVERSION OF TELECOM NETWORK FOR VERIZON (U.S.A)

Client **:Verizon, USA.**
Environnent : DESIGNING,MICRO STATION

Description : The project involves in conversion of Telecom network like Conduits, Aerial Buried cables, Manholes, Devices, Equipment's, Structures, Cabinets etc., from the sources provided by customer. As per specification & sources all the telecom features are converted to a real world land base with appr-opriate offset distances from the ROW. Every feature having a unique number (IPID) and designing the Telecom Network as per the planner's requirements.

Responsibilities:

I have converted the date of telecom network by the reference Client documents and used to check the quality of the respective production files.

I have checked the latest versions for the Intelect which we used for conversion and release to floor without any conflicts.

PROJECT 2: Wireless

Client **: Wireless, Nether Land.**
Environnent **:** DESIGNING

Description :The project involves in manually checking individual sites for their documentation quality adhering to their in-house quality checks.

Responsibilities **:** Creating & modifying scanned drawings using Auto Cad.

PROJECT 3: Google maps (Navigation, GPS)

Client **: Spain ,Belgium**

Environment **:** Google maps (Navigation,GPS)

Description **:** The project involves in manually checking individual on site google maps(NAVIGATION,GPS) production , quality checks.

Responsibilities **:** Working with Client, Leads and Business Analysts to define business requirements i.e creating testing and developing Maps to meet the requirements of Client.

PROJECT 4: Windstream

Name of the Project **: Windstream**
Role **: Planning, Quality checking and Delivery Tasks**
Environment **: Google Earth Pro, Auto Cad and G-COMMS.**
Description **: FTTP Planning & Designing.**

Windstream is US based project.

Windstream is a leading provider of advanced network communications and technology solutions for consumers, small businesses, enterprise organizations and carrier partners across the U.S.

The Scope of the Project is planning and designing the Fibre Network to Existing and New Buildings with reference existing Copper Network and Civil Network.

- We got Input KML file for the required Planning Location. Based on that, we were extracting the Land Base and Copper data from GCOMMS and Import it into Auto CAD.
- With Reference to Google map and County site, we were modifying the Addresses and Remove the duplicate Addresses in Auto CAD file (Address Clean-Up).
- Using Various Splitters, we are planning the Fibre Network from Control Joint to the Customer Premises (HLD).
- After getting Approval from the Customer, we were Drafted the Network in Auto CAD file with set of the rules given by the Customer (LLD).
- Based on the Planning, we are providing the Joint-Use pole information along with the Permits for that Location. Then, Deliver all the Files in ZIP.

Responsibilities

- Involved in project specifications.
- Validating the inputs and making sure that all required are received.
- Performing the Address Clean-Up activities for placing the Addresses in correct geo location.
- Perform the High Level Design in Google Earth.
- Perform the Low Level Design in Auto CAD with the Customer given Rules.
- Prepared Joint-Use pole information for the Poles didn't have existing Copper Network.
- Prepared Permits for JU Poles and Underground Network.
- Doing the QC and final activities on the final data.
- Adopting new process strategies.
- Involving in end-to-end project execution process.

PROJECT 5: AT & T [FTTH]

Client : AT & T
Environnent : DESIGNING

Description: AT&T is the leading Telecom giant in USA we at Cyient received the onshore and offshore work which is described below in detail:

The objective of the project is to build a fiber network (FTTH) build is to supply fibers for all residential living units and businesses in the prescribed Distribution Area (PON Serving Area-PSA) to ensure that when a customer orders service that the order can be processed, dispatched and installed in a timely manner, from cabinet to homes. The project involved field survey, plan, design, propose the cabinet, trench route and conduits as per lay-plan and capturing fiber cables with FST with specifications as specified document provided for a particular area by the end client (AT&T).

ROLES AND RESPONSIBILITIES:
FIBER TO THE HOME (FTTH) PHASE:1

- The project main aim is capture Objective of performing is to verify and redraw span measurements, adding of street names, station measurements, attributing terminals and cables and sourcing all proposed cables and terminals.

- Verifying the inputs received are clear.
- Planning the area by creating planning sheet with group boundaries with cable and terminal counts.
- Defining Border sheets per group boundary
- Clipping the data of group boundary into border sheet
- Cleanup the data as per placement requirement.
- Placement of existing poles and Handholes and verifying the location with Google Maps.
- Placement of proposed Hand holes and innerduct as per planning sheets.
- Placement of cables and terminals as per planning

FIBER TO THE HOME (FTTH) :(PHASE:2)

- Firstly, we verify all the generic data updated on Phase1, such as, job number with description, Taper code, wire center, general notes, …etc. are correct
- Secondly, we verify the planning area of phase1 with cable and terminal count as per the RDC rules. Optimize FST's.
- Next, we optimize cables as per RDC rules.
- Further we prepare preliminary cable calculator to check the length which do not exceed 3000 If any cable found above 3000', then we have to change the splice.
- Verify the placement of buried HHs location, Innerduct and flower pots as per the guidelines and move if required.
- check the existing cable placed in phase1 matching to MMT.
- Further we check pole locations and routing by walking through Google maps and change it if necessary.
- Then we prepare material calculator, assignment tool and BSTCAD steps.
- Update record length, final lengths and cut lengths based on the changes done in BSTCAD.
- Also modify cables and FST's in schematic based on the changes done in BSTCAD.
- Place the Task codes for every feature as per specification by copying Task codes.
- Link the task codes to related features and check the white space management.

PROJECT 6: AT&T [JPA]

Client : AT & T
Environnent : DESIGNING

Description: AT&T is the leading Telecom giant in USA we at Cyient received the onshore and offshore work which is described below in detail:

ROLES AND RESPONSIBILITIES:

- Have experience on JPA planning and designing of Telecom network
- site locations by using Google earth.
- The Scope of this process is to pole Designing. For this process we will need Field sheets.
- We have been using ARAMIS to Design the pole Designing jobs in ARAMIS, identify the Pole origin

location in ARAMIS and place the pole.

- Once completion of Pole placement, Validate P1, P2 errors and post all the job edits in ARAMIS to ensure the quality of this process.
- Create work prints indicating all the required Notes and TASKs for the work representation.

PROJECT 7: CENTURY LINK

Name of the Project : CENTURY LINK
Role : Conversion, Quality checking and Quality Assurance
Environment : Micro Station, NDS (Small World v4.3.0.7)

Century Link is US based Project. Century Link is the third largest telecommunications company in the United States.

Century Link provides broadband, voice and wireless services to consumers and businesses across the country.

I worked in Several Scopes in Century Link. Those were mentioned below.

MRI:

- In this Scope, we use to Place the New network from the given Input Source OSP-FM.
- We had Aerial, RT, Building, MH\HH and Buried Maps in OSP-FM. We drafted this Network in end Application NDS.

CAF 2:

- In this Scope, we used to modify the Copper network with reference to the Input Martens Spread Sheet.
- Here, we had Marten's and Engineer Spread sheets.
  Primarily, we work on the Marten's Spread sheet and we deliver it to the Customer with Clarifications.
  Then, Customer provided answers to the Clarifications in Engineer Spread Sheet and we work on it.
- We Modified the Complements of the Copper Terminal and Trace the Complements till the generation Point. If Trace is Unsuccessful, we need to modify the Network till the generation point for successful Trace.

BIW-F:

- In this Scope, we used to modify the Fibre Network based on Customer given Input Spread sheets like Issues, FDH Inconsistencies, CLOC Issues, inconsistence WCID etc…
- In this Scope, we used to modify the Address Points geo location, attributes based on Fibre Terminals.

Phase 2:

- The actual process of Phase 2 consists of As-Built Verification.
- In this Scope, we used to do CPR/retirements entry, posting of-quantities and mortality dates, Final record corrections to as-built, correction of migration errors (when needed), completion (posting to TOP) and correction of Quality Management errors in NDS(Small World), etc.

Responsibilities

- As per input updated the Copper & Fibre terminal details. Successfully traced them till the Generation point.
- As per source Association generated between the Terminals and Addresses.
- Records correction must be complete per as-built, and NDS Migration issues must be corrected. Job must be complete in NDS, (Posted to TOP).
- Performing final quality checks as per client specifications.

PERSONAL DETAILS

Name : Jagadeesh Mahadasyam
Father's Name : Srinivas M

Date of birth	**:** 08/02/1993
Languages Known	**:** English and Telugu
Marital Status	**:** Single
Nationality	**:** India

Declaration:

I hereby declare that the above information provided by me is true to the best of my knowledge.

Date :

Place : Visakhapatnam

JAGADEESH M