**Bodda Siva Roopesh – TelecomEngineer(Data specialist)**

I Bodda Siva Roopeshhaving more than 5.8 years of experience in telecom industry. Having demonstrated knowledge and experience in planning and design of Customer Access Network (Copper& Fibre), Fibre and Utilities Networks, involved in many Copper and fibre network and supported major clients forVerizon, BRS-NZ, CTL ,AT&Tand STC.

**my core competencies:**

* Analysing current network capacity and network topology
* Performing QC/QA checks on GIS&Telecom field as per customer guidelines.
* Updating the client feedback to team members on regular basis to minimise repeated errors and avoid any reworks.
* Understanding customer requirements, Innovate the Ideas to improve the process
* Extensive experience in multiple GIS platform such as Network Engineer, Micro Station, Small world, AutoCAD and various other custom built applications.
* Seeking feedback from client and incorporating the recommendations on final designs.
* Quality check from input data good knowledge of telecom and Electric route map concept and fundamentals

**Academic Qualifications:**

B.TECH in Electrical engineering from vitam engg college, Andhra Pradesh.

Post-graduation Diploma in Telecom Techonology and management from university of Hyderabad (UOH)

**Skill Set:**

Operating System : Windows family

Drafting and GIS : Ericsson Network Engineer, SmallWorld, MicroStation, Aramis, G-Tech, And Autocad

Others : Microsoft Office 2010 and Microsoft Access

**Awards and Achievements:**

Received Five “Team of the Month” for outstanding contribution in Broad spectrum project

Received Two “Associate of the Month “Awards for Good Quality in BRS project.

**Profile:**

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| **Name** | **Nationality** | **Qualification** | **GIS Experience** | **Telecom/Civil Experience** |
| BODDA SIVA  ROOPESH | HINDU | Btech– EEE  PGDTTM from UOH | 5.8 Years | Telecom – GIS, Copper, FTTx  Planning and Designing |

**PROJECT’S WORKED ON:**

1. **Broad spectrum DBOR**

Title :Broad spectrum.

Client :Chorus New Zealand

Role**:**FTTH asbuilts records updating, ISP update in buildings(CO)

Organization : Cyient Ltd. Visakhapatnam

Designation : Telecom Engineer

Software : Small World (V4.1, V4.3), Net map, AutoCAD.

**DESCRIPTION:-**

* The project is about DBOR of Telecom New Zealand network by GPON (Gigabit PassiveOptical Network technology) with FTTP (Fiber to the Premises) architecture which includes Fiber Flexibility Point (FFP), fiber cables, ducts, man holes, poles , addtion of bays shelfs , and port connectivities at building (CO) internals
* The FFP serves the customers with PON customer connections.
* Each FFP cabinet has maximum capacity of 144 feeder cables and 576 distribution fibers, which serves maximum of 288 customers and available types of distribution are fixed and air blown fiber.
* The objective of the project was to build fiber network cabinet to homes (FTTH). The project involved designing. Capture the cabinet, trench route and conduits as per Lay plan. Also capture fiber cables with FAT with specifications as per As Built data
* The scope of work is around the creation and maintenance of the data records associated with the rollout of Ultra-fast broadband (UFB) within the Chorus network. UFB is an overlay of the existing copper plant with a new fiber plant for the delivery of telecommunications services to approximately 75% of New Zealand homes and businesses. This will be progressively undertaken over the next eight years.
* In this project we need to process 3 types of Telecom networks, UFB, FTTP and RBI project.

Different types of sources we update in DBOR are,

* Net MAP: - Seamless database which allows multi users to access.
* CDP: - Schematic data which helps field staff.
* UCP: - Underground plant data in drawing/TIF format, appraise in relation with PDMC.
* FOG: - Schematic view cables in FFP for overview
* ISP :- Building internals placement

Responsibilities:

* Designing of trench route and fiber cable network from Cabinet to Homes.
* Capture fiber cables and manholes and FATs as per FOG plan in CDP
* Captured Cabinet, underground routes, Duct tees and Dimensions as per As-builts in UCP

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1. **Broad Spectrum Plan and Designing**

Title :Broad Spectrum

Client :Chorus New Zealand

**Role :**Plan and Designing

**Organization**  **:** Cyient Ltd. Visakhapatnam

**Designation**  **:**Telecom Engineer

**Software**   **:**AutoCAD 2018

**DESCRIPTION:-**

* The project is about the Planning & Designing of Telecom New Zealand network by GPON technology with FTTP architecture including Ducts, manholes, poles and fibre cables and Air Blown Fibre Flexibility Point (ABFFP).
* The FTTP Architecture to be used for UFB Year-4 is based around an Air Blown Fibre Flexibility Point (ABFFP), the standard ABFFP can only manage a max of 48 customer connections and has a max of 3\*(1:16) optical splitters.
* Here in Year-4 Architecture there will not be a Cabinet in the design, the splitter is moving from cabinet out to the below ground ABFFP, the distribution to the customer premises from this ABFFP will be happening in different scenarios based on the existing duct network and the connectivity type
* On the distribution side of this Air Blown Fibre Flexibility Point (ABFFP) there are a number of different scenarios used depending on the existing duct network and existing copper service lead type, aerial or underground.
* The standard distribution architecture from the ABFFP to each customer connection is based on Air Blown Fiber using the Ericsson 26-Way Ribbonet, this consists of 26\*5mm micro ducts and 1\*12mm micro duct.
* All the network designs are based on two fibers per customer connection. The total network is an all fibre network from the exchange to the customer H-ONT termination.

**Responsibilities:**

* Captured of trench route and fiber cable network from ABFFP to Homes.

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| * Captured underground routes, Manholes as per As-built.  1. **Data conversion and Migrating the data into one platform**   Customer: Versatel, Germany.  Software Telcordia Network Engineer(NE), Small world, AutoCAD and Ms Access.  Designation: Telecom Engineer  Location: Visakhapatnam.  **Description:**  Versatel is considered to be one of the largest telecommunications providers in Germany. Versatel had acquired about 20 carriers in the recent years due to which there was an inhomogeneous condition in the cable documentation. In view of this, Versatel were looking to migrate their existing telecom data from Smallworld, MapInfo, Nedocs and AutoCAD into one platform of Telcordia Network Engineer (NE). The technologies used were AutoCAD, MapInfo, Smallworld and Ms Access.  He was responsible for data conversion and migration of telecom features and the  related land base features as per the project specs and checklists and for verification  of the output as per the checklists provided.  **Responsibilities:**   * Data conversion and migration of telecom features. * Migrate the Land base data and check the all objects. * Web sessions with client for solutions. * Study the inputs and communicate the client for solutions. * Match the fields to existing data into Target data to migrate the data. * Preparing the inputs for tool development. * Teem handling and update the process changes. * Supporting the development team for automation tools. * Quality check of the data as per client instructions  1. **Conflation The Telecom Network for STC**   Customer : STC, Saudi  Software : Ericsson Network Engineer(NE), AutoCAD, Micro station  Location : Visakhapatnam, India  **Description:**  The project involves in conflation of Telecom network like Cables, Spans, Manholes, Equipment’s, Structures, Cabinets etc., from old projection system to the new projection system.  As per specification & sources all, the telecom features are aligned to the New Land base with the provided offset distance from Target Boundary without disturbing any Fiber network and NE data.  As part of this project, below Tasks were performing in NE   * MSAN Equipment capturing from As-Builts. * Building connections through “Administrative Names” * Network Tracing from Exchange to Cabinets. * Cable movement to the respective Ducts * CR7 (Span Movement), CR8 (Cabinet Movement) |

1. **Conversion of Telecom Network for Verizon (USA)**

Customer :Verizon (USA)

Software : Micro station, IDDS

Location : Visakhapatnam, India

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 appropriate 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.

1. **Design and Updating of Telecom Network for Century Link (USA)**

The project involves in Drafting of Telecom network like Routes, Conduits, Cables, Manholes, Devices, Equipment’s, Structures, Cabinets etc., from the sources provided by customer. As per specification & sources all the telecom features are drafted is small world network with offset distances maintained from ROW and updating the attribute fields from the sources provided by the customer.

* Studying and analysing the inputs data received from clientarea design specification, and field survey details etc.
* Placing and Updating the connected data in small world

**7.AT & T (Planning and Designing)**

Client **:** AT & T

Environnent **:** PLANNING AND 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:**

* Have experience on planning and designing of Telecom network
* Worked on fiber cable placement, Hand hole, MH Creation and its end to end connectivity.
* Drafted fiber network and site locations by using Google earth.
* Have experience on planning and designing of ASE network by using MS-Visio, PDF Redlines and various websites.
* Have experience in all regions of ATT for different scopes in G-Technology environment.
* Having an extensive experience on ASE, CRAN, SPLITTER, BAU and various type of jobs.
* Extracting the new Land Base from customer provided GIS sites.
* Determining the size of the fiber cables and size of FST’s as per the living units that are being served.
* Utilization of fiber cables (24F, 48F, 72F, 144F, etc.) based upon the field requirement.
* Giving training on G-Tech application to new employees.
* Coordinate with in the department for Quality control & working in smooth way.

**8.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.

**Strengths:**

* + Positive Attitude.
  + Quick learner.
  + Hard worker.
  + Energetic and self-motivated.
  + Willingness to learn.
  + Independent and Self-motivated.
  + Able to do multi- task and work well in a team.
  + Team facilitator.

**Personal Profile (SIVA ROOPESH)**

Name : B. Siva Roopesh

Mobile : 8919258092

Email : siva.bodda@cyient.com

Date of Birth : 13-sep-1992

Languages Known : English, Telugu,Hindi

Nationality : Indian

Marital Status : UN-Married

**Declaration:**

I Declare that the information furnished above are true and correct to the best of my knowledge and

Conscience.

Place: Visakhapatnam

Date:

## ( SIVA ROOPESH)