

CURRICULUM VITAE

Gurudayal Raghuwanshi

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JOB OBJECTIVE:-

7.0+ years of experience in the field of GIS, Remote Sensing & Telecom Optical Network Planning engineer in Reliance Jio Infocomm Limited. This includes GIS data capturing, migration, analysis & Quality, checking and Satellite data enhancement having experience in configuring and OFC Planning GIS utility databases & satellite data from available input data using ArcGIS, Telcordia Network Engineer & AutoCAD MAP and Rolta Geomatica 2D & 3D.

CORE COMPETENCIES: -

Key Responsibilities Rich Experience in Spatial data creation using GIS software, At least 7.0+ years hands on experience in various GIS Software's & Deep GIS data domain knowledge & Good Understanding of different GIS data formats and managing spatial geometry types, projections, coordinate Systems and Geo-referencing, Geo-coding, Concepts, GIS Data conversions, Geo corrections, Topologies etc analysis Must be familiar with GIS Data Management techniques, Spatial Statistics, and Spatial Analysis/Network Analysis Tools Maintains quality assurance of spatial and non-spatial data particularly in the areas of relational DB technology as well as spatial Experience in GIS Reports/Charts preparation/Documentations Passion for maps and map data Strong analytical skills and ability to proactively think ahead of issues and changes & Resolutions.

PROFESSIONAL SYNOPSIS: -

An energetic and dedicated professional who works well under pressure and is bottom-line result oriented. Possess an expert level of competency in database and project management of Telecom projects and R-APDRP from Grass root level and handing over of completed sites/Town to Operation and Maintenance Team, Ability in managing multiple task and their cross-functional activities.

EMPLOYMENT HIGHLIGHTS: -

- ❖ **FEEDBACK INFRA (Bharat Net Project) at Raipur (CG) as a Senior Engineer (GIS Expert)**
- ❖ **HFCL (Reliance jio 4G OFC Project) at Lucknow State Office (UP) as a GIS Engineer**
- ❖ **HCL Comnet (R-APDRP Electricity AT&C losses) at Haryana (HR) as a GIS Analyst**
- ❖ **Stesalit Limited (Geo-Spatial Intelligence Mission) at Delhi as a Senior Project Executive**
- ❖ **Petro IT Limited (R-APDRP Electricity AT&C losses) at Gurgaon (NCR) as a Dissertation Work**

KEY COMPETENCIES & SKILLS: -

Technical Skills:

1. GIS Software's

- NE Telcordia-7.1
- Arc GIS-9.2, 9.3, 10.1 & 10.2.
- Auto CAD MAP-2000i, 2006 & 2012
- Quantum GIS-3.2

2. Image Processing Software

- Rolta Geomatica-2D- 2012
- Rolta Geomatica-3D- 10.0

3. Microsoft Skills:

- Window XP, Windows-7, 8 & 10, Microsoft Office

PROJECT HANDLED:-

ORGANIZATION: - FEEDBACK INFRA Pvt Ltd

Since 01-Oct-2018 to Present at Raipur (Chhattisgarh)

Project Name:- Bharat Net Project Pahse-2
Role:- Senior Engineer (GIS Expert)
Client:- CHiPS (Chhattisgarh Infotech Promotion Society)
Description:- I have been nominated for the post of consultant for The project involves laying of optical fibre network that follows ring architecture with Internet Protocol Multi-Protocol Label Switching (IP-MPLS) technology, Conceived under the Digital India initiative the project will link 85-Blocks and 5,987-Gram panchayats across the 27-Districts in the state by providing broadband and mobile phone connectivity With the completion of this project, high speed broadband between 1Gbps to 10Gbps and check the entire work of the TATA Projects and also plan with it.

Summary of Activities relevant to the assignment:

- ❖ Below Mentioned activities provide by TATA Projects validate OFC Network
- ❖ Physical Survey & LiDAR Survey Validate for OFC laying
- ❖ OFC Planning and Network Connectivity check & validate
- ❖ Validation of T&D/DIT/Blowing/Splicing and Termination as per RFP
- ❖ QA/QC of As-Built Drawing and GIS Updation
- ❖ ECN (Engineering Change Node) modification to change network plan according to field request
- ❖ Validation for Termination Plan for Fiber at Equipment (HDFMS) in all facilities
- ❖ BoQ and Link finalization QA/QC
- ❖ GIS DATA Consolidation

Software Used:- Arc GIS-10.2, Quantum GIS-3.2 and Google Earth

ORGANIZATION: - Aapt Outsourcing Solutions Pvt Ltd

Since 05-May-2014 to 29-Sep-2018 at Lucknow (Uttar Pradesh)

Project Name:- Reliance jio 4G (Broadband Wireless Access Services)
Role:- GIS Engineer
Client:- Reliance jio Infocomm Ltd
Description:- The scope of the project is to Analysis, Optical Network Planning & FSA/DSA Desktop design for FTTx and GIS Data Migration also update by Arc GIS/Telcordia Network Engineer and Auto CAD according to field data, Create Complete OFC Network Connectivity of Intracity Network/NLD Network/FTTx, Network Team Management.

Summary of Activities relevant to the assignment:

- ❖ Network planning, designing, implementation and execution and roll out of optical fiber networks and its associated components
- ❖ Planning & Design of NLD, Intracity route like Core, Aggregate, CSS, Last Mile Connectivity, Small Cell, Wi-Fi & POI
- ❖ Termination Plan for Fiber at Equipment like (FDP/HDFMS) in all facilities
- ❖ Instantiation of Structure, Equipment & Splice plan
- ❖ Creation of Enhance Logical Link (ELL) both for Intracity & NLD Routes
- ❖ Good understanding of various FTTx architectures in FTTx for better service delivery
- ❖ To reach customer premises through existing Intracity Network, such as FTTh/FTTx networks like, Feeder Serving Area (FSA), Enterprise Serving Area (ESA), Distribution Serving Area (DSA), & Customer Serving Area (CSA)
- ❖ GIS Data Migration in Arc GIS/Telcordia Network Engineer and Auto CAD
- ❖ Migration of Fiber Route Network like Core, Aggregate, CSS and Last Mile Connectivity route including Intracity and NLD.
- ❖ After QA&QC Post to NE Default (Parent Version)
- ❖ GIS Data Consolidation
- ❖ ECN (Engineering change node) modification to change network plan according to field request

Software used: - Arc GIS-10.2, Telcordia NE- 7.1, and Comsof/TKI, AutoCAD 2012 and Google Earth.

ORGANIZATION: - HCL COMNET LTD**Since 25-July-2013 to 25-April-2014 at Hissar (Haryana)**

Project Name:- R-APDRP (Electricity AT&C losses)
Role:- GIS Analyst
Client:- DHBVN & UHBVN (Electricity Board of Haryana)
Description:- Ministry of Power, Govt. of India, has launched the Restructured Accelerated Power Development and Reforms Programme (R-APDRP) in the XI Five Year Plan. Power Finance Corporation Limited (PFCL) has been designated by GOI as the Nodal Agency for the programme. The programme spans from data acquisition at distribution level till monitoring of results of steps taken to provide an IT backbone and strengthening of the Electricity Distribution system and (Electricity AT&C losses) across the Country under the programme.

Summary of Activities relevant to the assignment:

- ❖ Land base and Facility Network Mapping
- ❖ Paint Code & Map Generation
- ❖ GIS Data Consolidation
- ❖ PGDB QA/QC for Accuracy Improvement

Responsibility:

Data upload in PGDB, data provide from field and Mapping of Electrical assets PGDB Creation also QA/QC of final PGDB and finalization run for Application, network features which are collected during assets Create single line diagram in Auto CAD 2006 SLD diagram of Substation Asset's, PGDB Analysis, Team Handle and Support Project Process, Paint Code Map Create, Output Delivery in PGDB & Land base Map with Paint code and Land base creation captures Building, Road, Water body, Agriculture land etc.

Software used: - Arc GIS 10.1, Auto CAD-2000i and Auto CAD-2006 and Google Earth.

ORGANIZATION: - STESALIT LIMITED**Since 03-Sep.-2012 to 28-June-2013 at DRDO (Delhi)**

Project Name: - Geo-Spatial Intelligence Mission (GIM)
Role:- Senior Project Executive
Client:- DRDO, DELHI
Description:- Ortho Image Improvement, Ortho Creation GCP, Tie Point, DEM Creation 2D & 3D, Mosaicing, Contours Generation, Topo Sheets Placement, Cloudy DEM Clearing by Different Seasonal Images with 3D Tools.

Summary of Activities relevant to the assignment:

- ❖ Cartosat-2 (0.5) Satellite data editing and manage by Rolta Geomatica 2D & 3D.
- ❖ High Resolution Raw Data Plotting,
- ❖ Re-projection, and Geo-referencing,
- ❖ Topo Sheets Generation, 3D DEM Editing

Software used: - Rolta Geomatica-2D- 2012 & Rolta Geomatica-3D- 10.0

ORGANIZATION: - PETRO IT LTD**Since 01-Feb.-2012 to 31-July-2012 at Gurgaon (Haryana)**

Project Name:- R-APDRP (Electricity AT&C losses)
Role:- Dissertation Work
Client:- HCL Limited
Description:- Mapping of Electrical assets, network features which are collected during assets Create single line diagram in Arc Desktop 9.3 and convert it into digital form for migration it in Arc map, Create Substation asset line schematic diagram, point Attribute validation.

Summary of Activities relevant to the assignment:

- ❖ Electrical Asset Survey with DGPS equipment.
- ❖ Data downloading to DGPS equipment by GPS pathfinder software.
- ❖ Land base uploaded in DGPS equipment according to feeder requirement.
- ❖ Differential correction Process DGPS equipment data with R3 Base data for reducing point location variation.
- ❖ Output Delivery in PGDB.

Software used: - Arc GIS-9.3, Auto CAD-2000i and Auto CAD-2006 & GPS Pathfinder and Google Earth.

EDUCATIONAL QUALIFICATION: -

- ❖ Master of Science in Geo-informatics from Barkatullah University, Bhopal in year (2010-2012)
- ❖ Bachelor of Science in Biology from Barkatullah University, Bhopal in year (2005-2008)
- ❖ Higher Secondary from MP Board in year 2004.
- ❖ High School from MP Board in year 2001.

SUMMER TRAINING: -

COURSE	Training	Organization / Institute	Duration	Year
Remote Sensing, GIS, GPS	EDUSAT Based Training	IIRS Dehradun	3 Month	2011
Empowering Rural India by Space Technology	Participate	Remote Sensing ISRS, Bhopal	1 Dyas	2011
Water Conservation Technique	Conference	Indian Science Congress Association Bhopal (MVM College)	3 Dyas	2010

PERSONAL PROFILE: -

- Father's Name ➡ Mr. Surjan Singh Raghuwanshi
- Mother's Name ➡ Mrs.Mintra Raghuwanshi
- Gender ➡ Male
- Nationality ➡ Indian
- Pass Port No ➡ M4928860 (From-2015 To-2025)
- Date of Birth ➡ 7th March-1986
- Hobbies ➡ Playing Chess & Cricket
- Marital Status ➡ Un-Married
- Language ➡ Hindi, English

Declaration: - I hereby declare that all above information is true and best of my knowledge and belief, this CV correctly describes myself, my qualifications, and my experience, and I am available to undertake the assignment in case of an award. I understand that any misstatement or misrepresentation described herein may lead to my disqualification or dismissal by the Client.

Place: Raipur (Chhattisgarh)
Date: 04th January. 2019

(Gurudayal Raghuwanshi)