

Rakesh Kumar Nayak

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OBJECTIVE: ---

5+ years of experience in the field of GIS as an Associate in GIS. Extensive Experience in Telecom and GIS projects using AutoCAD 2D & 3D, QGis, ArcGIS, Google Earth, Micro Station, Survey projects and Geographical map conversion in Telecommunication concepts and specifications. Strong collaboration, team building, interpersonal, communication skills with proficiency at Grasping new technical concepts quickly & utilizing the same in a productive manner. Good Knowledge on Digitization, raster to vector conversion. Excellent inter-personal and leadership skills and quality conscience, Result oriented, a team. Player, enthusiastic & self-driven, with a high degree of commitment.

EXPERIENCE: ---

- 1. Working as Consultant in IIC TECHNOLOGIES from **JANUARY 2016** to **MARCH 2018**.
- 2. Working as Consultant in ORTECH SOLUTION PVT. LTD. **MARCH 2018** to **FEBRUARY 2019**.
- 3. Working as Consultant in Genesys International Corporation limited **from APRIL 2019** to **JUNE 2021**.
- 4. Working as Consultant in Reliance Jio Infocomm LTD. **SEPTEMBER 2021 Continue**.

TECHNICAL SKILLS: ----

GIS/GPS Software :- AutoCAD Map 2D & AutoCAD 3D-2010-2013, Google Earth, Global Mapper, ArcGis-10.1, I-Cadaster Odisha, Fusion X, QGis- 2.1 & 3.4 & M.S Office Word, Excel, Power Point.

ACADEMIC QUALIFICATION: --

- DIPLOMA (Civil Branch) having 77.62 % in 2015.

ACDEMIC PROJECT—

- Working on the Project “FLY OVER BRIDGE”

PROJECT: -1

National Land Records Modernization Programme (NLRMP_Project):-

Project Details:-National Land Records Modernization Programme modernizes land records of Odisha (Sundargarh, Deogarh, Subarnapur, Balangir and Sambalpur) and Standard Operation Procedure (SOP) for undertaking Hi-Tech Survey operation and generation of Digital Cadastral Maps in the State of Odisha.

Role:-Gis Engineer

Client: -ORSAC

Software:- AutoCAD, ArcGis-10.1

Description

The project deals with computerization of all land records including mutations, digitization of maps and integration of textual and spatial data, survey/re-survey and updation of all survey and settlement records including creation of original cadastral records wherever necessary, computerization of registration and its integration with the land records maintenance system, development of core Geospatial Information System (GIS).

A single window to handle land records (including the maintenance and updating of textual records, maps, survey and settlement operations and registration of immovable property)

The “mirror” principle, which refers to the fact that cadastral records mirror the ground reality

The “curtain” principle which indicates that the record of title is a true depiction of the ownership status, mutation is automated and automatic following registration and the reference to past records is not necessary.

Methodologies of Hi-Tech Survey Operation:

Pure ground method using ETS & DGPS.

Hybrid method using Aerial Photography and ground truthing by ETS & DGPS.

Hybrid method using High Resolution Satellite Imagery and ground truthing by ETS & DGPS.

PROJECT: ---2

PROJECT: ---- FTTH SIRO

Project Details: Detail skeleton, of provide fiber to every house with Low level design and High level design of fiber network design of irland. Client will provide the scaled source in vector format which is non geo positioned. In scaled maps we have Mainly aerial and buried and some underground network is present. In non scaled maps we have mainly Underground features and some time aerial features also available. We need to migrate all these features in Land base according sources F DGN and U DGN as per client specification.

- Team Size: 10
- Responsibility: Production
- Software Used: Qgis & Google Earth

● Client: 4 SITE

PROJECT: ---3

Falcon Hydro Project ;- Land Cover & Water

Hydro project of UK, CANADA, ITALY, GERMANY SPAIN, AUSTRALIA

Project Title : Falcon Hydro (Land Cover & Water)
Client : Apple
Software Used : Customize Software (Fusion X) & Qgis
Role : Executive
Client : Apple

Project Details: - Falcon (Hydro)

The project is based on Auto Pilot in USA. Digitized all hydrographic features Ocean, sea, bay, lagoon, lake, reservoir, pools, canals, rivers. Land covers rural area, urban area & parking area. Put name, seasonality and display class from osgb survey data. Generate every representative point and clean all topological error.

We are working for a USA based navigation project where in we capture Water and Land features by the specially designed tools for this project.

1. Image Interpretation of High and Low Resolution Satellite Imagery.
2. Digitize Water & Land cover which identifying in Satellite Imagery and attribution.
3. Quality Checking of Digitize data.

PROJECT: ---Jaipur City 3D Model ;-

Project Title : 3D model
Client : DOITC
Software Used : ArcGIS & Qgis

Project Details: - Map LULC, Smart City Project Jaipur

To create the most accurate & realistic 3D Models of each & every structure in Jaipur Development Authority are having over 1 million building. Spread over 3000sq km for the first time in the country, to be used Lidar engineering. This Project fagged of by the Govt. Of Rajasthan. In this project we have digitized Base map, LOD, LULC & Point Features. Base maps serve as a reference map on which you overlay data from layers and visualize geographic information. An individual base map can be made of multiple features. This is Smart city project for Jaipur (Rajasthan) in this project we are digitizing landforms like Road, Waterbody, Rest of way, Fence etc.Using Ortho Image and rajdhara data on scale 1:400 and 1:200. Prepared Land use and land cover maps and 3D project.Capture building footprint and pedestrian path.

PROJECT: ---4

Company: **Reliance Jio Infocomm LTD.**

POSITION: Sr. Executive

PROJECT: Jio FTTH, FTTP, FTTB Projects

SOFTWARE: ArcGIS, AutoCAD

CLIENT/ Owner : Reliance Jio

Project Details:- Working as a OSP Telecom Planning and Construction Engineer (FTTH, FTTP, FTTB Projects): -

Responsibilities:- Network Planning, Designing for FTTx Fiber Network.

FTTx Network Planning:-

- Experience in End-to-End FTTx Fiber Network Design starting from Optical Line Terminal (OLT) located at BTS to Optical Network Terminal (ONT) at Customer Premises, with 2-Stage Splitter for FTTx GPON Fiber Network.
- Network Survey and design by segregating the Feeder Service Area (FSA) to further Different Distribution Service Area (DSA) & Customer Service area (CSA) as per the customer feasibility.
- Expertise in GIS (ARCGIS) used for FTTx Network deployment.
- Experience in BOQ Preparation post design to assign Work Order for further construction process.
- Experience in maintaining the FSA Budget to a minimal amount so that to keep the budget in a favorable zone as per Company policy.
- Experience in helping out the business team in proper building mapping as per prospect customer in GIS tool.

FTTx Network Construction:-

- FTTX network Construction in the defined boundary within agreed timeline.
- Supervise team in network deployment of UG, Aerial, Fiber, MH, ,Joint Closer, FAT box and OTB Installation in construction.
- Vendor /Stakeholder Bidding and deployment.

Material issue: –

- MIN, MTO, BTN, MRN and Reconciliation.
- Update real time data in GIS tools and Android Applications.
- Execute IP/ATP of all the equipment as per project roll out plan and Hand over process.
- Ensure implementation and audit of Quality and Safety, environment and fire policies.
- Vendor billing and allocations

PERSONAL SKILLS:

- Equally effective working alone as well as within a team environment.
- An ability to learn new tasks and information quickly.
- Diplomatic and professional when dealing with challenging customers.

PERSONAL PROFILE: ---

Date of Birth : 08th June 1995

Father's Name : Srikanta Nayak

Mother's Name : Guna Nayak

Nationality : Indian

Domicile : Odisha

Sex : Male

Marital Status : Single

Language Known : English, Oriya, Hindi

DECLARATION

I do here by declare that the particulars given above are true and correct to the best of my knowledge and brief.

Date:

Place: Bhubaneswar (Odisha)

Rakesh Kumar Nayak