

### PERSONAL STATEMENT

17+ years' experience to execute various types of GIS and Photogrammetric projects. Extensive knowledge in using Geographic Information Systems (GIS). Strong analytical and planning skills, combined with the ability to coordinate the efforts of many to meet organizational goals. Self-motivator with high energy.



### CAREER OBJECTIVE

To achieve success in Organizations using GIS/Remote Sensing Technology along with achieving high levels of customer satisfaction, success and enabling key technological innovation in Government, Semi-Government or Private Organizations.

### KEY SKILLS

**ESRI Products:** - Arc GIS 10.5 (Arc Map, Arc-Catalog, Arc-Toolbox, Arc-SDE, Arc Pro 3.2)  
**Autodesk Products:** - AutoCAD Map 2010,2016  
**Bentley Products:** - Micro Station V8, SSK, Geo Media Professional 6.0, SmallWorld  
**Microsoft office 2007:** - Excel, Word, and Power Point  
**Database:** - Oracle Spatial, My SQL  
**SAFE-Software:** - FME-Workbench 2016.1,

### Onsite Experience

- **Rolta Middle East - Sharjah** as a **GIS Analyst** for **Directorate of Town Planning and Survey Sharjah** for data migration from CAD environment to SDE through FME. Developed tool to create a Geodatabase from CAD/DGN format.
- **Rolta OMAN (Muscat) - OLAS (Oman Land Administration System) MOH (Ministry of Housing)** - Land parcels data migration from CAD to GDB

### Permanent Address:

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## **EDUCATION**

- **M.A.(Geography)** - (2005)  
Shivaji University, Kolhapur, Maharashtra
- **PGDM (Geo-Informatics)** - (2006)  
Bangalore University, Bangalore, Karnataka

## **KEY Accomplishments**

- Worked with ESRI Software products (ArcGIS 10.5, Arc Map, Arc Catalog, Arc Toolbox, Arc SDE, Arc Pro) and GIS Extensions to perform GIS Analysis such as Attribute and Spatial queries including Spatial Joins, Overlays for reducing costs, improving efficiency, better decision making and helping organizations manage data geographically.
- Worked with development team to develop tools using FME workbench. Developed tool for Sharjah SDTPS and OLAS-MOH (OMAN) project. Tool developed for data migration from CAD to Geodatabase (GDB).
- Provided on-time delivery in onsite environment (DTPS, Sharjah-UAE) and co-ordinate with off-shore team at Rolta India Ltd performed various management duties.
- Managed teams of size 20 and above in GIS Production.
- Worked in IT/GIS solutions for Government Sectors, Utilities, Transportation, Property Development, Telecom, Local Government (Municipality), Surveying, Navigation.
- **Letter of appreciation** for successfully completing in the Rolta organization. And SDTPS Sharjah UAE has issued to Rolta a letter of appreciation because of my stellar work.

## **WORK EXPERIENCE**

**Company:** Ramtech Software Solutions Pvt Ltd.

**Sept-2022 to Still Date**

**Projects:** - PPL - ELECTRIC – UN MIGRATION, ATMOS – GAS UN MIGRATION.

**Software:** FME Workbench 2021, ArcGIS 10.8.1, ArcGIS Pro

**Description:** RAMTeCH will deliver migrated data as both a File Geodatabase and SQL Database dump. To match the dev and test environment at PPL.

**Roles & Responsibilities:** As a FME Project Leader, my role is to create extract-transform-load scripts to read existing Small World data and migrate it into a File Geodatabase and SQL Database dump. This is a part of a much larger database integration and business.

**Company:** EnZen Global Solution Pvt Ltd.

**July-2021 to Sept 2022**

**UKPN (NetMAP App Support). Client:** UK Power Networks, United Kingdom.

**Software:** GE Small-world NetMAP 5.2 Application

**Description:** Netmap Core is a Geographic Information system (GIS) based desktop application built on General Electrics (GE) Smallworld Core technology. This application utilizes NRM data model to store UKPN network assets and helps the UKPN users to visualize the entire transmission and distribution network and facilitates users to take map prints. It is used to plan, design and implement network layouts.

**Roles & Responsibilities:**

- Involved in administration activities like Authorization.
- Identifying and reporting Product bugs to the GE team and worked along with GE team in communicating and fixing the bugs.
- Involved Version upgradation project (NetMap 4.3 to NetMap 5.2.3).
- Worked on Incidents/Tickets/Task raised by UKPN users on Service Now.
- We have a spazio FTP setup with which we share the files across to LSBUD on weekdays. The data being shared is limited to incremental asset data generated by the NetMAP LSBUD interface via FME & scripts.

**Sept-2019 to May-2021 Lead Engineer, Rolta India Ltd - Mumbai**

**UKPN (UK Power Network Services). Client:** UK Power, United Kingdom.

**Software:** GE Small-world. NetMAP 4.3 Application

**Description:** UK Power Networks Services finances, designs, develops, delivers and manages safe and sustainable power systems and multi-utility networks for owners of major infrastructure. UK Power Networks are required to update and maintain accurate records of their network assets. NetMAP is UK Power Networks dedicated geographical information system GIS for the recording of linear assets (HV-LV overhead lines, HV-LV cables and associated assets like services, poles, street lights etc.) Preparation of the Project Specific Quality Plan, inspection and test plans, check-sheets and related procedures. Implementation of the Quality Management & Control programme for the project. Design, creation, editing and deletion of Net MAP (Small-world) Objects and associated data capture for electric network.

**Jan-2018 to Aug-2019: Lead Engineer, Rolta India Ltd - Mumbai**

**Project: - OLAS (Oman Land Administration System) MOH (Ministry of Housing)**

**Role: - Lead Engineer**

- CAD parcel data standardization and migration to SDE. Software used Auto Cad, Arc GIS Arc-Map 10.3, FME-Workbench-2016.1
- Worked as team leader to execute the project with the strength of 10 members. Project work as Input data inventory, FME tool development, work assignment, project meeting and discussion with project manager and client, delivery notes-summary statistics preparation and batch wise project delivery.

**From July 2017 to Dec-2017**

**NPG PAI (Yorkshire) (Northern Power Grid Positional Accuracy Improvement) Project.**

- Realignment of existing electricity utility network HT, LT, Service cables and other electricity features as per the new updated land base and builder plan.

- Quality Control, QC, Edge Matching, Merging Process, Resolving Errors found, QA Delivery

Work Environment: Auto Cad Map 2010.

**From March 2015 to July 2017: GIS Analyst, Rolta Middle East - Sharjah**

- Migration pupation and manipulation of GIS data
- Design, develop and maintain multi thematic and geospatial database.
- Conducted hands on Arc GIS training to DTPS GIS team
- Follow up Construction drawings and activities
- Prepare Site plans
- Interacting with client and different departments such as Planning services and Road and transportation to improve quality of work
- Bridge between Client and Executives

**From Dec 2006 to Feb 2015: Senior Engineer, Rolta India Ltd. - Mumbai**

- Data compilation using satellite images and aerial photos.
- QC-QA and map finishing as well as production activity as per project requirement
- 3D data compilation for the photogrammetric project.
- Data migration
- Giving software related training to team members
- Develop and present reports on project progress for Sharjah DTPS project.

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**From July 2006 to Dec 2006: Data Builder, And Data India Pvt. Ltd. PUNE**

- Raster to Vector Conversion, data incorporation into vectors and Preparation of customized thematic maps using Auto CAD and GIS technologies
- Working on the Satellite Images, generating data from the satellite images for the digital maps.
- Data Verification of outsourced data to calculate the desired acceptance quality of product
- Visual Checking & Automated Checking for the database and data structure

**KEY PROJECTS:**

<b>Client</b>	APEX AT&T FCU
<b>Project Title</b>	APEX AT&T Utilities Project
<b>Role</b>	GIS Analyst
<b>Description</b>	The Project involved creation of intelligent maps using GIS for Telecom network creation, connectivity and attribution. <ul style="list-style-type: none"><li>○ Data capture, production of Terminals, Cable laying, Cable connectivity</li><li>○ Quality Control, QC, Edge Matching, Merging Process, Resolving Errors found, QA Delivery</li></ul>
<b>Environment</b>	Arc GIS, Arc map 10, AutoCAD Map, Micro station

<b>Client</b>	<b>Directorate of Town Planning &amp; Survey, Sharjah</b>
<b>Role</b>	GIS Analyst
<b>Description</b>	<p>The Project consists of migration of CAD data to SDE format using Arc map 10.3 and FME Workbench having 6 cities data.</p> <p>The position is responsible for carrying out following key activities.</p> <ul style="list-style-type: none"><li>○ To develop a FME tool to migrate the data from CAD environment to GDB format.</li><li>○ Data migration to SDE using FME tool.</li><li>○ Prepare Technical comparative statements and support Pre ordering technical activities Responsible for profitability of the project</li><li>○ Updating new planning data and survey data on SDE server</li><li>○ Site Plan PDF generation</li></ul>
<b>Environment</b>	Arc GIS Arc map 10.3, FME Workbench AutoCAD Map2010, Micro stationV8

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<b>Client</b>	<b>Supreme Council for Planning (SCP) - Oman</b>
<b>Role</b>	Senior Engineer
<b>Description</b>	<p>This Project was a hydrographic and transportation mapping. Features were captured using Micro Station SSK.</p> <p>The position is responsible for carrying out following key activities.</p> <ul style="list-style-type: none"><li>○ Data compilation</li><li>○ QC-QA activity to finalize the data.</li></ul>
<b>Environment</b>	Arctic, SSK Bentley Stereo, AutoCAD Map, Micro Station, Global- Mapper

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**Client** Dubai Municipality - UAE

**Role** Senior Engineer

**Description** This Project was 3D photogrammetric for Dubai City. Captured Buildings, roads and vegetation features using Micro Station V8 SSK. The position is responsible for carrying out following key activities.

- Extract high-accuracy, high-quality Vector data for Dubai Municipality, from Stereo images.
- 3D data mapping and QC and QA

**Environment** Arc GIS, SSK Bentley Stereo, ZI Imaging, Micro station V8

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**Client** Survey of India CYMK Project

**Role** Engineer

**Description** Conversion of existing Digital Topographic Database into mdb format, assign symbology/pattern as per SOI topographic/Cartographic requirement and plotting of the same. The position is responsible for carrying out following key activities.

- Migration of cad data to mdb format
- Cartographic mapping.
- To generate pdf for CYMK film.

**Environment** Geo-media Professional 6.0, Bentley Micro stationV7.



**Client** VOLKER WESSELS: REGGE Telecom Project

**Role** Engineer

**Description** The REGGE FIBER department is part of Volker Wessel Telecom and this organization is offering cities to construct and finance to them a glass fiber-based network to all houses and the OPC in that city region. (Fiber to the home activities – FTTH).

- This was fiber to the home project belongs to where scope of work was to find out the optimum location of OPC and to generate bill of material.
- Glass fiber-based network to all houses and the OPC in that city region.

**Environment** AutoCAD MAP 3D 2009

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**Description:**

I hereby declare that all furnished information made here are true and correct to the best of my knowledge and belief.

Place: Noida

Date: 27th Sept, 2024

**SANDIP P. JATHAR**