 Resume

1. **Khandu Mharnur** Email: - khandu1985@gmail.com,
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**CAREEROBJECTIVE\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

‘A Position in a result-oriented company that seeks an ambitions and career conscious person where acquired skills and education will be utilized towards continuous growth and advancement’.

**Total Professional Experience:13.7 years ON GIS & Remote SENSING TECHNIQUES**

Tech comm Urban Management Consultants Pvt. Ltd -1.5Year (Currently Working)

Team Lease Services Limited (Mumbai)- - 1 year

Team ONE Architects Pvt. Ltd (Mumbai)-- 6 Months

Edge Water Technical Services LLC (Doha, Qatar)-3Yrs.9 Months

Multi mind Creations (Mumbai)- 3Yrs.

Genesys International Corporation Ltd (Mumbai)-3 Yrs.8 Months

Tele Atlas Kalyani India Ltd (Pune)–8 Months

**EDUCATIONAL QUALIFICATION\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

P.G. Dip. In Geoinformatics (RS & GIS) from Shivaji University, Kolhapur, Maharashtra.

Master’s Degree in Geography from Shivaji University, Kolhapur, Maharashtra.

Bachelor’s Degree in Geography from Shivaji University, Kolhapur, Maharashtra.

**GIS SOFTWARES: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

ARC GIS-10.4.1, Arc FM 10.6.1, Arc View-3.2a, MapInfo Professional 9.5, AutoCAD Map-2017, Map Source, ERADAS Imagine9.2, Global Mapper, AutoCAD-2004, BISON, Google Earth, QGIS 7.1, Spatial Factory, Network Engineer (NE), Micro station V8.

**OPREATING & DATABASE SYSTEM\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

MS – DOS, WINDOWS, MS \_ ACCESS, M.S. Excel.

**ACHIVEMENT: -\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

Certificate course in RS, GIS, GPS & its application conducted by Indian Institute of Remote Sensing, Dehradun

Certificate Course in C&C++.

Certificate Course in MS- CIT.

Certificate Course in CCO.

Certificate Course in ARC FM Training.

Certificate Course in QGIS Training.

**Current Professional** EXPERIENCE SUMMARY\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Project Title :** Preparation of` GIS base maps, Existing Land use (ELU) and

 assistance in Preparation of GIS based Development Plans

Company : Tech comm Urban Management Consultants Pvt. Ltd

Location : Ashar Tiara Complex Mumbai.

Client : GIS Dept.-Navi Mumbai Municipal Corporation

Designation : Associate GIS Expert.

Duration : **2**7th Feb 2023 to Till date

 Software’s  **:** Arc GIS 10.8.2,Autocad Map 2018, Google Earth. Drone Image.

Project Description

The Scope of this project is to prepare GIS based NMMC Development Plan. In this project we collected Drone Satellite Images, DGPS Survey data, and Cad File of NMMC Plan. We prepared. Base map, ELU, PLU. we worked on Admin Boundary, electricity data, Transportation, Land use, Zoning, Forest, MIDC.

* Feature extraction from Drone Image
* Ground Truthing
* Filed Survey for Attribute data Collection.
* Update Base map as per data collection from filed.
* Geo reference Cadastral data
* Digitization of cadastral data over Base map

**Previous Professional** EXPERIENCE SUMMARY\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**1) Project Title :** OPGW Planning For Fibre Network.

Company : Team Lease Services Limited

Location : Sterlite Power, Vikhroli, Mumbai.

Client : GIS Dept -Sterlite Power (O/M,& Planning)

Designation : GIS Analyst.

Duration :7th Feb 2022 to 27 Feb 2023 (1 Year)

 Software’s  **:** Arc GIS 10.8.2, Google Earth.

Project Description

The Scope of this project is According to customer requirement providing fiber network to the user.

In this project we are doing a Survey of MSETCL Data and preparing OPGW network on peak of the electricity Tower.

First stapes is the Business team finding the customers and requirements. Based on customer requirements, we are getting approval from MSETCL for OPGW installation, after getting route approval we are collecting Tower to Tower Survey data as well as field condition. After survey data finalization we are planning JB Tower, Colo Locations, Span Length. According to this data we are updating data in GIS Portal. Sterlite Power and MSETCL created a joint venture company named MTCIL.

**2) Project Title :** Detailed Master Plan and Engineering Design for Development of a Multiproduct SEZ at (JNPT)

Company : Team ONE Architects Pvt. Ltd

Location : JNPT, Navi Mumbai.

Client : Architecture Department– JNPT (SEZ).

Designation : GIS Draftsman.

Duration :22nd June 2021 to 15 Dec 2021 (6 Months)

 Software’s  **:** AutoCAD Map -2016, Arc GIS 10.2.2, Google Eart.

Project Description

The Scope of this Master planning support to the Special Planning Authority (SPA) of Jawaharlal Nehru Port Trust (JNPT) is Creation of Land use, Landcover and Urban Planning. In This Project we are capturing all the features like Building, Road, Water Boddy, Transportation, Drainage, Water Network, Electric Network, Boundary of JNPT and inside Boundary all the features. We are also verifying Captured features on the ground level. Prepare base map using village survey number maps, satellite imageries, on GIS platform. The Existing Land Use, Proposed Land Use Plan and Draft Development Plan to be put on GIS platform.

Preparation of Master Plan for Entire JNPT

Preparation of digitized base map through GIS Study and analysis of existing site conditions and previous studies

 Preparation of GIS based Existing Land Use Map

Preparation of Draft Proposed Zone plan, Nodal plan and sector plan

**3) Project Title :** Qatar General Electricity & Water Network Planning (GTC 821 & GTC 877)

Company : Edge Water Technical Services LLC

Location : Doha, Qatar

Client : KAHRAMAA (QatarGeneral Electricity & Water Network Planning Dept.)

Designation : GIS Technician

Duration :16thMay 2017 –15th Feb 2021 (3.9 Years)

 Software’s :AutoCAD Map-2017, Arc GIS 10.4.1, Google Earth, Arc FM Editor 10.6.1.

Project Description

The Scope of this project (GTC-821) is analysing installed network for capacity planning and capital improvement, manage operations activities such as leaks, repairs, and inspections, Update GIS databases with as-built data, produce standard and custom map products, Integrate computer-aided design (CAD) drawings with the GIS network. As Built verification of contractor (. gdb or .dwg) submitted data based on WGIS data.

It includes some features like Water Main, Service Pipe, Fittings, Air valve, System valve, Hydrant, Thrust Block, Gravity Pipe, Casing Protection, Enclosure, Meter, Pipe elevation, Marker Plate, RPS, WSC, & others based on this feature class. We are checking Attribute, Position& Geometry Errors. Like Project No, Subtype, Installation & Survey date, Diameter, Material, Data Source, Life cycle Status, Pipe Type, GF Code, & other project related domain values.

This Project we are doing below tasks like

* + - Verification of contractor data as per Kahramaa Standards Templates.
		- Conversion of cad file to arc geodatabase (. Dwg to .shp)
		- Verifying as Build Drawings (Attribute Data) & Comparing contractor data with Kahramaa data
		- Pre as built Data Uploading, WGIS Data Uploading in database (PGDB to ARC. Sde)
		- Updating History Data &Proposal data, Updating Contractor data in Kahramaa Schema (database) (PGDB to ARC. Sde)
		- Finalization of contractor data and Migration in Database (Versioning, Reconcile, Post)

In Electricity Project (GTC-877) some features like SLD, MV, LV Cables, Joints, Communication Cables, Substation, Feeder Pillar, Busbar, Switch, Fuse, Service Point, Meter, Transformer, Substation Internal Cable, LV, MV OH Line, Marshelling Box, Communication Joint, Pole, Duct Edge, Cable Depth, Field Notes Text, Land base data (Street, Planning data, Pin Data, Urban, Zone).

This Project we are doing below tasks like

* + - Electric Meter, Fault Report, Inspection Report, Feeder Tracing Report Updation
		- As Built Drawing Updation, Verification of Contractor data with Kahramaa Data.
		- Data Conversion (Cad to Arc FM Supporting. Dwg), Data Migration (Cad to Arc FM)
		- Resolving Connectivity Issues (Looping, Disconnectivity)
		- Updating Facility ID in Substation, Tracing Feeder & Circuits Connectivity
		- Attribute Data Updating (Substation No, Name, Installation Date, Book, No, Jointer name, Transformer Capacity, Scheme No, Feeder No, Switch Details, Fuse Details, Cable, Joint, Poles.
		- CGIS Portal/Web Data Updation (Providing Water & Electricity data to ASHGHAL & Third-Party Construction Company. Collecting Road, Building, Drainage & Other Data from ASHGHAL & Third-Party Construction Companies

**4) Project Title :** PAN\_INDIA\_Road Network &Land base Updation.

Company : Reliance Jio Infocomm Limited (Multimind Creations)

Location : Mumbai

Designation : Sr.GIS Engineer

Duration :5th May2014 To 15thMay 2017 (3 years)

 Software’s : Arc GIS 10.3, Google Earth. ERDAS,Autocad MAP 2004

Project Description

Main Objective of this project is Preparation of Land base data, Road Classification, City, Village Boundary Marking, POI Classification, Road Navigation etc. In Land base Project Capturing Features like Building, Roads, POI, Water Body, & Classifying Road like (F1,2,3,4,5,6,7) Highway Road, Major Road, Minor Road, City Roads & Building Information in existing database like type, subtype, no of floors. This is help full for 4G Network Planning,

This Project we are doing below tasks like

* + - Imaging Mosaicking, Georeferencing&, Projection, Image Analysis
		- Digitizing Road Buildings Water Body, Spatial Adjustment
		- POI Updation (Landmark Classification) & AOI Marking
		- Road Classification & Navigation, Shortest Path Analysis
		- Updating Locality, Sub Locality & Sub Sub Locality Boundary
		- MRO Boundary Updation, Village Boundary Updation based on Census data.
		- Survey Data Updation (Spatial & Attribute data), Data Updation (Versioning, Reconcile, Post)

**5) Project Title :** 4G& FTTx-Network Planning & Design

Company : Genesys International Corporation Ltd. (GICL), Mumbai

Client : Reliance Jio Infocom Ltd (RJIL)

Designation : Senior GIS Executive

Duration :6Sept 2010 –10 May 2014 (3.8 Years)

 Software’s : AutoCAD-2004, Arc GIS 10.2, QGIS 7.1, Spatial Factory, Network Engineer (NE), Google Earth.

Project Description

RIL4G Telecom GIS project-IFC, FTTx, Planning. Project Management Operations & Quality: Working on "Telecom GIS (IFC, FTTx service-oriented architecture design using GIS based tools, Outside Plant (OSP) & Inside Plant (ISP))”.

This is the 4G Optical Fiber network planning project which is happening first time in India. In this project our team is responsible for Optical Fiber Network planning on which construction will execute that is called IFC (Issued for Construction) in which Fiber Duct route, Manhole Placement, Installation type and method contents. Also, BOM (Bill of Material) will be generated in terms of 150M cut sheet representation. Same process follows in terms of FTTx Planning which covers Access Network (Enode B, OLT, Fiber Cables (48F, 24F, 12F, and 6F), MH, HH, FDC, FAT, OTB) which would feed Feeders in a particular boundary called OLT (Optical Line Terminal)

 I worked on below listed Projects: -Eagle (POI to AOI Conversion, AOI Validation) 2) Phoenix (Tagging) 3) DICI (Discover Cities) 4) Brazil Edge Matching 5) Brazil Function class 6) India Edge match Locality Boundary 7) US –Neighbourhood Boundary 8) Naming and Addressing (Columbia) 9) AU Australia Synergy 10) Enhanced Feature Reignition (EFR).

In **Krushna Bhima Jal Nigam Ltd** (KBJNL) Project is Related to Water Network of Krushna & Bhima River. This is the Karnataka Government Project. We Captured Rivers, Nalas, Gillies, Culvert, Dams, Elevation, Canals, on the reference of Google Image, Imagery & Toposheets. In this project we captured Drainage network.

**6) Project Title**  **:** Land Base Capture (Building Footprint)

 Company : Tele Atlas Kalyani India Ltd. (Tom Tom),Pune.

Designation : Digital Cartographer

Duration : 14 Dec2009 to25 Aug 2010 (8 Months)

 Software’s : ARC GIS 9.3, AutoCAD Map, Global Mapper.

 Project Description

TTSL Project is based on Land Use Land Cover Classification. It includes Building. Utility Line, Point, ROW, Road Segment Line, Foot Path, Water Body, Ward, Transport Boundary, Locality, NPB, Obstacle, Landmarks Layers.

**7) Project Title :** Optical Fibre Cable Tracing Route: A GIS Overview (Academic Project)

Company : Polyline Technologies, Pune

Designation : GIS Trainee

Duration :Feb2009 to April 2009 (3Months)

Software’s : Arc GIS 9.3, Google Earth, AutoCAD Map, Global Mapper, Map Info

 Project Description

 The primary objective of this project to enhance the efficiency of distribution system in terms of Better Connectivity and reducing maintenance time losses, Utility Management, Emergency Services, Facility Management Services, Information About the OFC, Making Maps, Preparing the as build according to client’s specification. This Project is based on Optical Fiber Cable Tracing Route Ranchi to Ramgarh.

**PERSONAL DETAILS\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Full Name** : Khandu Tukaram Mharnur
**Permanent Address**  :Nandivali, Kalyan (E) Tal- Ambernath, Dist.- Thane, PIN- 421306.

**Phone**  :IND+919096712935 **Date of Birth**  :2nd Jun 1985

**Nationality**  : Indian. **Languages Known**  : English, Hindi and Marathi

**PASSPORT DETAILS\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** \_\_\_\_\_\_\_\_\_

**Passport No** :L7238000 **Date of Issue**: 17//02/2014 **Expiry Date**: 16/02/2024

**Declaration \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

I hereby declare that the above information is true & correct to the best of my knowledge and belief.

**Place:** Mumbai

**Date**: Mharnur Khandu Tukaram.