**S.SINTHANAISELVAN E-MAIL**: [sinthan.sinthan@gmail.com](mailto:sinthan.sinthan@gmail.com)

6/2 kurinji kaliyanna devar lane

Sulur, Coimbatore **PHONE**: +91-90431-98483 Pincode-641402,

**CAREER OBJECTIVE**

A person, who firmly believes in teamwork, has a result-oriented and a learning approach. An exceptional leader who is able to develop and motivate others to achieve targets. A proactive individual with a logical approach to challenges.

**PROFESSINOL SUMMERY**

* Over 6.8 years of Work Experience across Geographic Information Systems (GIS).
* Open Source Software Quantum GIS 2.10, Open Jump and other GIS Software’s.
* Experience in Fiber Network Technical & Network Engineer (NE)
* Experience in FTTX (Fiber to Home)
* Experience in latest version of GIS 10.4 & 10.3, ERDAS IMAGINE 9.1 and AutoCAD up to 2016.Global Mapper 16, Microstaion V8.1.
* Basic Knowledge in Terra Solid (Terra Scan, Terra Model &Terra Photo)
* Basic Knowledge in LiDAR (Ground & Building Calcification)
* Experience in Working on Survey and handling Garmin GPS.
* Experience in Network analyst, Quality Control, Relational Database Management, Topology, and Spatial Analyst. Map production, Geospatial Data Management
* A Self-starter, quick to learn new skills and eager to take on new responsibilities while managing time effectively to produce quality results either independently or in a group effort.

**EDUCATION**

**M.Sc- Geo-Informatics**, 2010 - 2012

Department of Rural Development, Gandhigram Rural Institute-Deemed University, Dindugul, Tamil Nadu, India.

**B.Sc- Geography**, 2007 - 2010

Department of Geography, Government Arts College, Bharathiar University, Coimbatore, Tamil Nadu, India.

**PROJECT/ INTERNSHIP**

Title : Thermal Power Plant Model and 3D Visualization of Network Analysis using Geo Spatial Technologies.

Software Use : ArcGIS 9.3.1, Microsoft office 2007.

Title : Publishing 3D in Webpage using Web Servers.

Software Use : Geo Server 2.5, ArcGIS 9.3.

**WORK EXPERIENCE:**

**COMPANY NAME: SUEZ Environment Pvt ltd**

**POSITION: GIS ENGINEER**

**EXPERIENCE:**  April 2018 to till

**RESPONSIBILITIE:**

* Managing the total Project
* Quality Control and File Delivery.

**PROJECTS:**

24x7 water supply scheme in Coimbatore city. Base data collected from satilieht image, customer survey, Total station survey and Underground Pipe line Network survey (Main Pipe line, Major Pipe Lines, and sub pipe line Buildings,). In GIS finally clear all Topology Errors And Edge Matching. Same time we draw new connection proposal for municipality area. one by one completed map and layouts ward wise submit to the client CCMC( Coimbatore city municipal corporation). once CCMC Approved after that construction work will complete , once construction work completed after that it will maintain up to 20 years all water Network in Coimbatore city.

**COMPANY NAME: RELIANCE JIO INFOCOM**

**POSITION: FIBER NETWORK ENGINEER**

**EXPERIENCE:** March 2017 to April 2018

**RESPONSIBILITIES:**

* Fiber Network Planning, Facility Planning, NE & FTTX
* Working with the Team of 30 Members And outsourced people in the Project
* Interact with Felid Survey Team and Site Visiting
* Quality Control and Final delivery preparation.

**PROJECTS:**

This project involves implementing countrywide telecom network providing wireless and wire line services to customers. GIS is being implemented as part of this project for Mapping of Outside plant (OSP) & inside plant (ISP) details for entire Fiber Optic (FO) Telecom network. Reliance 4G Project GIS fully integrated with the Operations Support System (OSS).The OSP details such as network spans, structures, poles, towers details & ISP details such as Equipment install details & fiber termination details, Ground floor plan, Tower, BBU, RRH, IP, FDP, Chassis, slot, plug-in, port, rack details entire Telecom network Migration with Telcordia Network Engineer.

**Responsibilities For:**

* Digitization of Proposed Civil & Optical Fiber Cable (OFC) for City R4G state network.
* Updating fiber management data in Network Engineer.
* Route wise & City wise Status Report Creation.
* Day to day field completed data updating on Arc GIS for progress monitoring purpose.
* Provide high quality map products as needed for other departments.

Timely Deliveries & Receiving of town panchayat maps for site locate & coverage of radiation

**COMPANY NAME: KALPATHRU TECHNOLOGIES PVT LTD**

**POSITION: TECHNICAL SUPPORT ENGINEER for GIS**

**EXPERIENCE: May**  2016 to March 2017

**RESPONSIBILITIES:**

* Managing the Multiple Projects
* Working with the Team of 10 Members And outsourced people in the Project
* Quality Control and Final delivery preparation.
* Interact to the Clients.

**PROJECTS:**

1.  **Housing for All Clients Slum Clearance board in Tamil Nadu**. This Projects Government Planning For all people (Family) want stay minimum one permeant House like Pukka Houses. This Purposes We are collecting area wise like zone and ward wise Family Details That details include for the house type and income status also we are collecting. Finally I delivered to the Clint GIS format (Shape File), Area wise A0 Size Layouts, KML Format and Excel Format.

**2. Road Missing Projects**. This Project is Clint given Road map with compare to the Bing image using **ArcGIS (Arc Info).** There some places Road will be missed that network only we want capture here major roads and connecting to the settlements roads we are collecting this project is Full and full online work. Final delivery is ESRI Format.

**3. Bus Stops Collecting Projects** This Project is we want collect to the all Bus Stops. Client Give the MOBILE APPLICATION for this Survey. Bus Stops want take photograph that photo have also have Lat and long Values. Finally convert to the KML File Format, EXCEL Format and ESRI File Format.

4. **Land Base Records Collecting**. This Projects is full and Full Land use Data Collection means Building, Road, Water body, And Street Utilities. This Project final delivery is ESRI Format with layout And Excel Format.

**5. Underground pipe line capture.**

Underground Pipe line Network Capture using AutoCAD Software. Client is gave to the image file we want capture to the Main Pipe line, Major Pipe Lines, Buildings, Boundary, Connection Lines & Text (Showing Values) finally clear all Topology Errors And Edge Matchings

**COMPANY NAME: GEO ADITHYA TECNOLOGY PVT LTD**

**POSITION: SENIOR GIS ENGINEER AND TEAM LEDAR**

**EXPERIENCE: Dec 2014 to April 2016**

**RESPONSIBILITIES:**

* New Projects did R&D workout.
* Give Training to the New Projects and New Persons to the GIS Department.
* Increasing the productivity By introducing shortcuts
* Working with the Team of 15+ Members in the Project
* Quality Control and Final Delivery.

**COMPLETED PROJECTS:**

**1.3D CITY MODELING**

Digitize Buildings using Areal Image or Satellite image. That Buildings captured in Real Shape and Roof Line Also Digitize. Then Give Real Height and Roof Types in Manually Finally Create 3D Buildings Using Real Height. This project have 4 types of methods,

**LD01** is only Buildings with Mean Sea Level (**MSL)**,

**LOD2** is Buildings and Roof Line with True Height,

**LOD03** is Buildings and Roof line with True Height (**TH)** and Mean Sea Level (**MSL)** here Buildings separated by Roof Type, Roof Sub, Arc Type and Window Type in attributes,

**LOD04** is Buildings and Roof also (Polygon) with True Height here Buildings separated by Roof Polygons.

Collect to one by one Wall Color and Window Color. Finally create 3D City Modeling Using Collected Data that buildings Referenced to the Real Buildings that building have maximum level off original values.

2**. LAND USE & LAND COVER USING CARTOSAT IMAGE**.

We are capture to all Major futures (Road, River, Stream’s, etc.) given **Carto sat** image in 2D normal method and 3D using Photogramantry Methods. Finally overlay to the Google Earth Real Time image.

3. **REVENUE VILLAGE PARCELS GEO-REFRANCEING**

.Revenue Village Parcels Capture Using Cadastral Image. That Data Is Finally Geo-Reference Using Spatial Adjustment Tool in ArcGIS. Reference image is Google Earth Image.

4. **VECTOR DATA CONVER4STION**

Client Data is AutoCAD Format file (.DWG). We are using that file correcting like Topology Errors and Edge matching then convert to the ESRI Shape file Format. That Is Layer & Feature type (Point, Line &Polygon). Than Name Wise exported like (Road, Tree…etc.). Finally covert to the File Geo Database (GDB) and shape file & create the Relative Relation methods in QGIS Software for Client Final Submission.

5. **LAYOUT PREPARATION FOR WOOD INDUSTRIAL NEAR AFFECTED AREA**.

Digitize Wood Industrial and near available features inside of the Collected GPS Point. Then Buffer Create Given Value and Calculated to the how much area affecting for Wood Industrial & Which is the Best & Short Root from Frost Identified for Transport the Woods.

6. **RIVER FLOOD AFFECTED AREA CAPTURING & LAYOUT PREPARE**.

Create Buffer 200m &500m distance from the River area covering all object capturing & how much area affected in rainy season calculated. Using Topo sheets and match with Google map

9. **CITY DEVELOPMENT PLANNING PROJECTS**

This Project For how to develop the city. That City what are the Natural Sources available, how to improved transport to the Market create Transport network (Road, Sea and Air ) total planning using GIS Software’s

**COMPANY NAME: MAILSOFT SOLUTIONS PVT LTD**

**EXPERIENCE: March 2013 to Nov 2014**

**PROJECT NAME:** Restructured- Accelerated Power Development & Reforms Program

**CLIENT:** Tamil Nadu Generation and Distribution Corporation (TANGEDCO)

**POSITION:** GIS Analyst

**SOFTWARE:** ArcGIS 9.3.1, Microsoft Office 2007.

**Responsibilities:**

* Base map Creating & Support to the Field Survey.
* Quality Control
* The Final data of Electrical Network has to be submitting in ESRI PGDB Format, Shape files & Microsoft Excel Format.

**COMPANY NAME: NAVAYUGA INFOTECH PVT LTD**

**EXPERIENCE: May 2012 to March 2013**

**PROJECT NAME:** Restructured**-** Accelerated Power Development & Reforms Program

**CLIENT:** Tamil Nadu Generation and Distribution Corporation (TANGEDCO)

**POSITION:** GIS Engineer

**SOFTWARE:** ArcGIS 9.3, Microsoft Office 2007.

**Project Description:**

Scope of project is create GIS data for Tamil Nadu Generation and Distribution Corporation Limited.(TANGEDCO), There are Two major Process involved in this Project, Namely “Asset Mapping” and “Consumer Index”. The Source data (Survey Data) is received from Field Engineer. And it is converted in off-line database using ArcGIS 9.3 & Microsoft Office 2007. .

**SOFTWARE’S KNOWS**

Operating Systems:

* Windows 7/8.1,
* Ubuntu

Other Applications:

* Microsoft Office 2007 & 2010..
* Google Earth Pro

**CO-CURRICULAR ACTIVITIES**

**Hardware and Networking, (part time) 2011 - 2012**

Gandhigram Rural Institute-Deemed University, Dindugul, Tamil Nadu, India

**EXTRA-CURRICULAR ACTIVITIES**

* Industrial Visit for NRSC, SOI, NIRD in Hyderabad
* Attend “Village Placement Program” (2010 & 2011)

**PERSONAL DETAILS**

Father’s name : Mr. K.SRINIVASAN

Date of birth : 02.04.1990

Nationality : Indian

Language known : English, Tamil

Permanent Address : 6/2 kurinji kaliyanna devar lane, Sulur, Coimbatore- 641402

**DECLARATION**

I hereby declare that the information given herewith is correct to my knowledge and I will responsible for any discrepancy.

Place: yours sincerely

Date: (S.SINTHANAISELVAN)