Karthick Vadivel

Team Lead| GIS Research and Analysis | Mapping | Platform Experience Analyst

Personal Info

Phone

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Address

11th cross , Krishna Nagar

Hosur-635109.

SKILLS

GIS Skills

●●●●○   Advanced

Engineering Research

●●●○○   Intermediate

Advanced Excel

●●●○○   Intermediate

Languages

English

Tamil

Kannada

Telugu

Hindi

Interest Area

- Research in Emerging technologies
- Machine Learning
- People management
- GIS
- Urban Planning
- Groundwater Research

Software Skills

- ArcGIS
- ERDAS
- AutoCAD
- Google Earth
- Sketch up
- Revit Architecture

PROFILE SUMMARY

Engineer with 4+ year experience in Mapping, GIS, Geo-Database Modelling and also research works on remote sensing applications. Involved in creating GIS datasets for the Master Planning of a town. Experience in Mapping to create Thematic maps, Land parcel, Cadastral maps and many more. Experience also in digitizing LIDAR & RASTER data using Industry Standard Software's. Handling a team of 20 to 50 on mapping project and application testing.

EDUCATION

- **BACHELOR OF CIVIL ENGINEERING** (2015)
  Adhiyamaan college of Engineering, Hosur India.

- **MASTERS IN REMOTE SENSING AND GIS** (2018)
  Adhiyamaan college of Engineering, Hosur India.

SUMMARY PROFESSIONAL EXPERIENCE

Accenture - Platform Experience Analyst, Bangalore (Aug 2017 – Present)

Responsibilities Handled:

- Leading a Team of 50 members in the Client delivery
- Performing QA/QC process to ensure the quality of data
- Reporting daily work progress to superior
- Arranging team engaging activities and meetings
- Subject Matter Expert [SME] on Mapping and Application testing project.

Adhiyamaan College of Engineering - JRF (Junior Research Fellow), Hosur (Jan 2017-July 2017)

Responsibilities Handling:

- Research works of project related to GIS
- Database creation of spatial and non-spatial data of VIS
- Leading team of students for various surveying practices in Rural area.

AESTRIX Digital Mapping Studio - CAD Engineer & GIS Data Analyst, Hosur (June 2015 – Dec 2016)

Responsibilities Handled:

- Leading a Team of 10 members for the Production and delivery
- Mapping and analysis of GIS data
- Client discussion and process training to team

PROFESSIONAL PROJECTS

1. **Genesis – Application testing (2018-present)**
   Subject Area   : Mapping Potential obstacles for a driverless car
   Contributions   :
   - On boarding the projects from Client and major client discussion
   - Resources Planning and work allocation to testers on application testing
   - SME for project and trained almost 100+ people on application testing.
   - Metrics data analysis on processed data and dashboard visualization
   - Production and Quality assurance on data to be delivered.

2. **Fasttrack - LIDAR Mapping for Autonomous Vehicle (2017-2018)**
   Subject Area   : Mapping Potential obstacles for a driverless car
   Contributions   :
   - SME for project and trained almost 50 people on LIDAR data mapping.
   - Production and Quality assurance on data to be delivered.
   - Policy updates and Brain storming people for new ideas.
   - Data Analyst and preparing visualization of data.

3. **ASSEST MAPPING OF VILLAGE, HOSUR (2016-2017)**
   Subject Area   : Mapping and Decision Support System for livelihood of people
   Contributions   :
   - Natural and assets mapping of village
   - Survey on various resources of people habitation and farmers
   - Mapping and providing support for livelihood

4. **GIS DATABASE for MASTER PLANNING OF CITY - JAMSHEDPUR, JHARKHAND, INDIA (2016)**
   Subject Area   : **Urban Area -** Jamshedpur, India
   Contributions:
   - GIS Data Conversion from CAD Data and another source
   - Training team during the process
   - Digitization of Data & Integration of External Data to GIS datasets
   - Mobile Photography Survey for attribution of the GIS database as a part of the team
   - Land Use Mapping and Classification as per NUIS standards

5. **CADASTRAL MAPPING of JAMSHEDPUR CITY, JHARKHAND, INDIA (2016)**
   Subject Area   : **Urban Area -** Jamshedpur, India
   Contributions:
   - Digitization of Geo-Referenced Raster images and attribution of each parcel.
   - Spatial Adjustment of irregular data
   - Topology corrections and integrating the data with additional data provided by client
   - Mapping the digitized data ward-wise with Various Symbology

6. **OPTIC FIBER CABLE NETWORK (OFCN) PROJECT, NORTH-EASTERN INDIA (2015-2016)**
   Subject Area   : over 7500 Kms Road corridor of North-East India
   Contributions:
   - Digitizing LIDAR Scan data for generation of more than 75 layers of data for creation of Base Maps.
   - Client discussion on policy and delivery
   - Leading Production and QA/QC team for confirming the timely deliveries
   - Map Layout and Cartography works for the base maps

CO-CURRICULAR ACTIVITIES

- Student Project Co-ordinator, Civil Dept, ACE, TamilNadu, India in 2015
- Student Secretary, Civil Dept, ACE, TamilNadu, India in 2014-2015

CONFERENCES & WORKSHOPS

- Workshop on "ADVANCED SURVEYING - LIDAR" in ACE, Hosur, India.
- Workshop on "PROJECT MANAGEMENT" in STRUCTURA'13 in VIT University, Vellore, India.

DECLARATION

I hereby declare that the above furnished details are true to the best of my knowledge.

Place: Hosur

Date: KARTHICK V

REFERENCE:

1. Dr.S. Suresh Babu, HOD , Civil Dept., ACE , Hosur
2. Mr. Dheerashree R P,Operational Manager, Accenture Operations , Bangalore.
3. Mr. Chiranjeevi KB , Meta Lead , Accenture Operations , Bangalore.