Sasikumar Alagappan

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No: 2/29, Main Road,
S.Kollur, Arakandanallur(Post),
Kandachipuram(Taluk),
Villupuram(District),
Tamil Nadu-605 752.

OBJECTIVE

To work in a firm with a professional work driven environment where I can utilise and apply my knowledge, skills which would enable me as a fresh graduate to grow while fulfilling organisational goals.

ACADEMIC DETAILS

Degree/Course	Institution	Year of Passing	Percentage / Grade
BE (Geo Informatics)	Regional Centre Of Anna University, Tirunelveli.	2017	6.94
12h (HSC)	AKT Matriculation Higher Secondary School, Kallakurichi.	2013	87.5%
10th (SSLC)	Government Higher Secondary school, Veerapandi.	2011	96%

WORK EXPERIENCE

Organization	Designation	Duration
National Institute of Wind Energy, Ministry of New and Renewable Energy, Government of India, Chennai-600 100.	Project Assistant Grade II (Contract)	Jun 2019 - till date
Sai Sakthi Global Infra Survey Pvt ltd, Chennai, Tamil Nadu-600 100.	Senior LiDAR Engineer	Jul 2018 - May 2019
Sai Sakthi Global Infra Surveys Pvt ltd, Chennai, Tamil Nadu-600 100.	LiDAR Drafting Engineer	Nov 2017 - Jul 2018
Prashant Surveys Pvt ltd, Pune, Maharashtra- 411 002.	Junior LiDAR Engineer	May 2017 - Oct 2017

Roles

- Engaged in GIS and Remote Sensing related work under Wind - Solar Hybrid Resource Assessment Project.
- Engaged in Pre and Post Processing of LiDAR and Photogrammetry Datas and Team management under NHAI,CMDA,TWIC,TWAD,PWD,GCC,State Highways Departments projects.
- Engaged in Feature Extraction from LiDAR and Photogrammetry Data and Final Report Preparation.
- Engaged in Spatial and Non Spatial data Extraction from LiDAR data set under NHAI projects,Smart City projects, Utility Management Mapping Projects .

PROJECT DETAILS

PROJECT : 1

Title	:	Detail Project Report on Topographical Surveys for National and State Highways (Around 2000kms over all India)
Description	:	Prepared the 3D topographical spatial map using Mobile LiDAR and Photogrammetry(Drone or UAV) technology in the Existing and Proposed Highway locations.
Role	:	Pre processing and Post processing of LiDAR and Photogrammetry Datasets.

PROJECT : 2

Title	:	Smart City Water Management Topographical Map for T Nagar,Chennai.
Description	:	Prepared 3D Detail Project Report on Smart City Water Management Using Spatial Technology.
Role	:	Pre processing and post processing for Spatial Datas.

PROJECT : 3

Title	:	Estimating the Volume and Area of Sathankadu Dump Yard (Greater Chennai Corporation)
Description	:	Calculated the volume and Area using Photogrammetry (Drone or UAV) technology.
Role	:	Overall Technical implementation of the project

PROJECT : 4

Title	:	Wind and Solar Hybrid Map preparation (NIWE,Chennai)

Description	:	Prepared the Wind and Solar Resource Hybrid Map through out India using Spatial Technology.
Role	:	Engaged with GIS and Remote Sensing related works.

PROJECT : 5

Title	:	First Wind Farm Planning in Offshore (Gulf of Mannar and Kutch, India.)
Description	:	Prepared the Feasibility map for Wind Farm Planning in Offshore (under National Institute of Wind Energy, Ministry of New and Renewable energy, Government of India.)
Role	:	Engaged in GIS and Cartography Related activities.

PROJECT : 6

Title	:	Wind Potential % CUF Map at different Height levels.
Description	:	Preparation of %CUF map through out India using different Wind turbines at different hub height levels (100m,120m agl).
Role	:	Engaged with GIS and Cartography related works.

PROJECT : 7

Title	:	Repowering of wind turbine Map at Gujarat, Maharashtra,Tamil Nadu Region.
Description	:	Replacing the older Wind Turbine Generator (> 20yrs) with new wind turbine to enhance the energy generation &%CUF in Gujarat, Maharashtra, Tamil Nadu.
Role	:	Engaged with GIS and Cartography related works.

FIELD OF INTEREST

- Geographical Information System
- Remote Sensing
- Cartography
- Photogrammetry
- Modern Surveys
- Geodesy

SKILLS

- Arc Map 10.4 (Arc Gis)
- Global Mapper
- 3D Reshaper
- Lidar 360
- Auto CAD

INDUSTRIAL EXPOSURE

Industrial Visit at:

- I went to Water Treatment Plant, Kulithalai,Kanniyakumari for one day
- I went to Vikram Sarabhai Space Centre,Tiruvanandhapuram for 3 days.

Implant Training at:

- I have attended Inplant Training in Mailsoft Solutions pvt Limited, Chennai for 15 days

STRENGTH

- Adaptive to work as individual as well as team.
- Smart problem solving analysis
- Tenacious learning attitude

REFERENCE

J.Bastin

Deputy Director (Technical), Wind & Solar Resource Assessments/Offshore Division.

National Institute of Wind Energy ,Ministry of New and Renewable Energy , Government of India

bastinj.niwe@nic.in

9445798021

Dr.S.Karuppasamy

Assistant Professor (Geo Informatics Department)
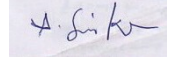
SRM University, Tamilnadu.

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DECLARATION

I hereby declare that the above written particulars are true to the best of my knowledge and belief.

Date   : 23.12.2019

Place : Chennai

(Sasikumar Alagappan)