SAMANEETHI R

Mobile: +91 8056852203   +91 9022810027   **Email:** samaneethi2020@gmail.com
Nationality: Indian | **Date of Birth:** 17-05-1991 | **Gender:** Male | **Marital Status:** Unmarried
Language Known: English (R/W/S), Tamil (R/W/S), Hindi (S)   **Experience**: 3 Yrs. 8 months.

WORK EXPERIENCE

Capgemini technology India Pvt. Ltd. Trichy - July 2019 to October 2019

Process lead (GIS)
- 3D model for building.

- Set clear team goals and Motivate team members.

- Monitor team performance and report on metrics.

- Listen to team members' feedback and resolve any issues or conflicts

- Encourage creativity and risk-taking

M S Swaminathan Research Foundation, Chennai - October 2016 to March 2019

Research Fellow

- Creation of geo spatial data sets and cartographic outputs for the project from primary and secondary data sources.

- Maintain the confidentiality of the Remote sensing and GIS data

- Collect data in time and working with team members in documenting and communicating success stories and other significant changes.

- Establish strong coordination with local / block / district level officials from government / private / non-governmental organizations.

- GIS based forewarning model for pest management in agriculture.

- Crop classification and differentiated various stage of the crop. (Ex: Sowing stage, Middle stage and Harvesting stage)

- Calculate the areal extent of crop cultivation in particular period.

- Hands on experience in Earth Observation satellites (Landsat, IRS and SPOT, Sentinel) and Microwave Remote Sensing (InSAR, DInSAR, PSInSAR, SqueeSAR)

- Image processing techniques, Spatial, Spectral and 3D analysis of satellite data using Arcgis, ENVI, ERDAS software's.

- UAV survey and Data processing.

- Contributed in GIS & RS based soil salinity monitoring on coastal agriculture land in Karnataka coast. (West coast of India)

- Ground truth survey using GPS

- Contributed in GIS & RS based disaster management. (Gaja cyclone).

Here Solution India Pvt. Ltd. (Here Maps) - February 2016 to September 2016

Field Associate (GIS for Navigation)

- Update and maintain the map (here map) based on the real time and Hands on experience in Portable Multi Came device and PDA.

- Geocoding, Map projection, Map editing and Layout.

- Shape file and Geodata base (Point, line, polygon), Query builder.

- 3D Analysis in Arc scene, DEM Generation, Spatial Interpolation.

Software Skills

- Arc map 10.8.1
- ENVI 5.5
- ERDAS 2020
- Arc GIS pro

- Pix4D Mapper
- Pix4D Field
- Pix4D Capture
- QGIS

Survey techniques

- UAV Survey (DJI Phantom 4 pro)
- DGPS (Trimble)
- Handled GPS (Trimble)

EDUCATION

- **2009-2015** Bharathidasan University, Trichy, TN**.**
  Master's in **Geotechnology and Geoinformatics** (6 year's integrated M.Tech)
  (First class with A++ grade)

- **2007-2009** HSC, Govt. Hr. Sec. School, Jayankondam, TN.

- **2006-2007** SSLC, Govt. Hr. Sec. School, Jayankondam, TN.

PROJECT WORKS

- Deformation monitoring in Jharia coal field using advanced InSAR techniques. I carried out this project in **Indian Institute of Remote Sensing (IIRS), Indian Space Research Organization (ISRO), Dehradun.**

- Assessment of impact on landuse pattern induced by change in coastal characteristic from the past two decades a geomatic approach.

- Assessing the landslide hazard zones in the parts of Nilgiri's with coupled analysis of hyper spectral and regional climatic condition over terrain geo system.

Permanent Address
No: 1/112, MGR Nagar, Amanakkanthondi,
Kadarankondan (PO), Udayarpalaiyam (TK),
Ariyalur (Dts), Tamil Nadu, India. PIN – 612901

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

Yours Sincerely
R.Samaneethi.