RAJA ARAVINDH

+91 99166 02131

rajaaravindh0@gmail.com

linkedin.com/in/raja-aravindh

SKILLS

GEOSPATIAL SOFTWARES:

- ARCGIS Desktop- ArcMap 10x, ArcGIS pro 3x. ArcPy.
- ArcGIS Online - ArcGIS API for JavaScript
- QGIS
- ERDAS IMAGINE

PROGRAMING LANGUAGES:

- PYTHON - ArcPy, NumPy, pandas
- JAVASCRIPT - jQuery, Node.js, Git, GitHub, React.js.
- CORE JAVA
- SQL (Basics)
- HTML, CSS - Bootstrap

MS OFFICE:

- MS WORD
- MS POWERPOINT

Educational Background

- M.Sc in Applied Geology.* (2020-22)
  University of Mysore, Karnataka.
  CGPA - 8.5.

- PG Diploma in Remote Sensing and GIS.
  GIS Vision India, Guwahati. (2022-23)

- B.Sc in Geology. (2014-17)
  National college, Trichy, Tamil Nadu.
  CGPA - 8.07.

- *12th standard,*
  BAVN, Sathyamangalam, Tamil Nadu.
  percentage - 92.8%.

- 10th standard,
  Adharsh Vidhyalaya, Erode, Tamil Nadu.
  percentage - 94.8%.

  * Unable to complete the Dissertation presentation
  as I met with an accident.

About Me

Self-motivated and dedicated person with high moral values, looking for a challenging position where I can leverage my skills, expand my knowledge and grow with the company.

Projects

1 . Study of Variation in Urban Heat Island Effect among Indian cities using Geospatial Technology.

- The scope of the study is to understand how the cities in different climatic regions are affected differently by the sun's radiation with respect to their rural counterparts.

2 . Developed a Python Toolbox Tool for change analysis between Raster Datasets using ArcPy.

- The tool computes the changes between two Rasters and generates a new raster incorporating those changes

3 .Developed a note making web app(Note Plus).

- It is a simple notes making web app developed using JavaScript React Framework that can store and delete multiple notes.

4.Developed a custom script Tool for delineation of watershed from DEM image using ArcPy.

- The tool automates delineation of watershed basin(s) for the given pour point or for the entire DEM image.

To know more about my projects I highly recommend you to visit my Portfolio website.

Internship

- Internship on "**GEOSPATIAL TECHNOLOGIES**" - from Centre for Remote Sensing and Geoinformatics, Sathyabama Institute of Science and Technology, Chennai, Tamil Nadu.

- internship on "**ArcGIS and Erdas Imagine**" - from Centre for Information Science and Technology, University of Mysore, Mysuru, Karnataka.

Interpersonal Skills

- Quick Learner
- Team worker
- Self-confident, Patient & Smart Worker.
- Capable of adapting to new technology.
- Critical Thinker.

Languages

- English
- Tamil
- Kannada

Portfolio website

https://raja-aravindh.github.io/Portfolio-website/

Extra - curricular

- **NCC :** 'A'-Grade in B and C certificates.
- **Karate:** Black belt - I
- **Sports:** Hand ball, Athletics, Chess.

Volunteer work

- Volunteered and work at **'Vanagam - Nammalvar Ecological Foundation' -** an NGO based at Karur, Tamil Nadu, that concentrates on Organic farming, Traditional Medicine, Education and Environment.

- Volunteered and work at '**Puvidham**' - an NGO based at Dharmapuri, Tamil Nadu that works on Sustainable Living, Alternative schooling, etc.

Interest

- Farming
- Chess
- Thinking

Address

S/O of M.Gangadhran,
Appusamy Thottam, M.Kattai,
kothanur (PO), Kollegal,
Karnataka. - 571440.