

# RAJA ARAVINDH

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## 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
- 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 in a reputed company 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

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- 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

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

## Languages

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- English
- Tamil
- Kannada

## Portfolio website

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## Extra - curricular

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

## Volunteer work

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- 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

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- Farming
- Chess
- Thinking

## Address

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