



# B SENTHIL

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## SUMMARY

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A professional with 10 years of experience in GIS and Remote Sensing technology to drive informed decision making. I am committed to continuous learning and eager to expand my knowledge across various fields. I thrive on gaining innovative ideas, exploring new research opportunities, and adapting my skills to diverse applications.

## WORK EXPERIENCE

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**Project Scientist, National Centre for Coastal Research, GoI** **July 2022 - Present**

- Led a team on the detailed field survey using a Drone and Stakeholder interaction to develop an informed decision on the management plan of the project.
- Streamlined GIS processes and analysis for the development of database management and WebGIS

**Project Associate, National Centre for Sustainable Coastal Management, GoI** **Mar 2017 - June 2022**

- Prepare and compile Remote Sensing and GIS databases for the project.
- Field survey, Quality check, developing schema and assessment of GIS and Remote Sensing datasets for projects under World Bank and MoEF & CC.
- Developing scripting and automating the geoprocessing using ArcPy and Google Earth Engine.

**COWI India (P) Ltd.,** **Dec 2015 - April 2017**

- Spatial features extraction using ArcGIS and preparation of Thematic layers.
- LiDAR data classification of Landuse patterns using Terrascan and Terra Module.

## EDUCATION

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**Master of Science [5-year Integrated]** **June 2010 - April 2015**

Bharathidasan University, Trichy.

- Major in Geosciences.
- Thesis on "Ocean State Forecast Validation and its dissemination using GUI" with the Indian National Centre for Ocean Information Services (INCOIS), MoES, GoI.

## ADDITIONAL INFORMATION

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- **Technical Skills:** ArcGIS Pro, QGIS, Pix4D, Erdas Imagine, Spatial and 3D Analyst, Google Earth Engine, Python, Project Management.
- **Languages:** English, Tamil, Hindi.
- **Certifications:** RADAR and Glacier Remote Sensing, Drone Data Processing.
- **Awards/Activities:** Actively participated in the "Viyankalai Kazhgam" community outreach Program on Permaculture, promoting education and inspiring local people.

## REFERENCES

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Dr R Harikumar  
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