

# NANTHAGOPAL K

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[LinkedIn](#) | [Portfolio Website](#)

## OBJECTIVES

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- Fresher with solid foundations in GIS, passionate about leveraging spatial data for real-world solutions. Proficient in GIS software, keen on collaborating, and solving spatial analysis challenges. Dedicated to staying updated with the latest advancements, eager to merge technical skills with enthusiasm for geography and technology. Seeking career opportunities for professional growth and impactful contributions in geospatial technology.

## WORK EXPERIENCE

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### Internship - Rmitha Power and Infrastructure, Chennai

Feb 2024 - Apr 2024

- Integration of 360° Images of Communication Towers Into A Web Based Platforms.
- Designed and Developed the Website by using **Drone Data(UAV Image)**,HTML,CSS,Leaflet Js,Pannellum Js.

### Internship- Rmitha Power and Infrastructure, Chennai

Feb 2024 - Apr 2024

- Developed Custom Vehicle Information Forms Using Django and Integrated Google Spreadsheet and Drive APIs for Efficient Data Collection and Management.
- Designed and Developed the Web App by using **Django,Python**,Google Spreadsheet API,Drive API,Javascript-Ajax,HTML and CSS.

### Internship - Antrix corporation ltd, Bengaluru

Jun 2023 - Jul 2023

- Urban Sprawl Analysis of Tiruchirappalli Taluk.
- Using Time Series Landsat Data to Find the Changes-ArcGIS,Erdas-Imagine.

### Internship -Karnataka Natural Disaster Monitoring Centre, Bangalore

Mar 2022 - Jun 2022

- Flood Early Warning System For Smart Cities of Hubli - Dharwad and Mangalore in Karnataka using Remote Sensing ,Geographic Information System(GIS) and Hydrological Modelling.
- Using 10m Dem data provided by KSNDDMC to find the earlier flooded areas-ArcGIS,SWMM,inpPINS.

## SKILLS

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- Softwares** - Arc-GIS | Erdas Imagine | Saga GIS | QGIS | Google Earth Engine | SWWM | inpPINS.
- Programming Languages-** HTML and CSS | Python | JavaScript – Pannellum.Js, Leaflet.Js, JQuery.Js, | Django | Github.

## AREA OF INTEREST

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- Area of Interest-** GIS | GIS Development | Geospatial AI | Urban Management | Flood Management.

## PROJECTS

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- Integration of 360° Images of Communication Towers Into A Web Based Platforms.
- Flood Early Warning System For Smart Cities** of Hubli - Dharwad and Mangalore in Karnataka using Remote Sensing ,Geographic Information System(GIS) and Hydrological Modelling.

## EDUCATION

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- University of Madras (Sep 2022 - May 2024)** M.Tech in Geo-Informatics(CGPA – **7.6/10**).
- Bharathidasan University(Jul 2018 - Jul 2022)** B.Tech in Geological technology and Geo-Informatics(CGPA – **7.7/10**).

## LANGUAGES

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- Tamil and English

## CERTIFICATIONS

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- (QGIS)Hands On Training**, PSG Institute Of Technology Applied Science ,Coimbatore Dec, 2019.
- Geo Horizon 2021** "Terrain Based LIDAR Mapping" College Of Engineering, Guidy,Chennai Mar, 2021.