

NANTHAGOPAL K

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[Linkedin](#)
[Portfolio](#)



CAREER OBJECTIVE

Enthusiastic GIS professional with a strong foundation in geospatial technology and a passion for leveraging spatial data to solve real-world problems. Proficient in leading GIS software and skilled in collaborative spatial analysis. Committed to staying current with industry advancements and integrating cutting-edge techniques. Seeking opportunities for professional growth where technical expertise and a passion for geography can drive impactful contributions in the geospatial sector.

SKILL SET

Technical skills

Arc-GIS | Erdas Imagine | Saga GIS | QGIS | Google Earth Engine | SWMM | inpPINS.

Programming skills

HTML and CSS | Python | JavaScript– Pannellum.Js, Leaflet.Js, JQuery.Js | Django | GitHub.

Soft skills

Teamwork, Work ethic, Time management, Adaptability

Languages

English and Tamil

EDUCATION

M-Tech Geoinformatics

Sep 2022 - May 2024

University of Madras

CGPA 7.2/10

B-Tech in Geological technology and Geo- Informatics

July 2018- July 2022

Bharathidasan University

CGPA 7.4/10

AREAS OF INTEREST

GIS | GIS Development | Geospatial AI | Urban Management | Flood Management.

PROJECT WORK

1) Integration of 360° Images of Communication Towers into a Web-Based Platform

2) Flood Early Warning System For Smart Cities of Hubli - Dharwad and Mangalore in Karnataka using Remote Sensing ,Geographic Information System(GIS) and Hydrological Modelling.

FREELANCING PROJECT

1) Developed a dynamic website for a real estate business using Django ,Python, HTML, CSS, JavaScript, and Leaflet.js. The website is currently live and hosted on AWS.

EXPERIENCE

Project Intern Feb 2024 - Apr 2024

Rmitha Power and Infrastructure, Chennai

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.

Project Intern Feb 2024 - Apr 2024

Rmitha Power and Infrastructure, Chennai

Developed a custom vehicle information web app using Django, integrating Google Spreadsheet and Drive APIs for efficient data collection and management. Utilized Django, Python, JavaScript-Ajax, HTML, and CSS.

Project Intern Jun 2023 - Jul 2023

Antrix corporation ltd, Bengaluru

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

Project Intern Mar 2022 - Jun 2022

Karnataka Natural Disaster Monitoring Centre, Bangalore

Created a Flood Early Warning System using Remote Sensing,GIS, and Hydrological Modelling for Hubli-Dharwad and Mangalore. Provided real-time flood risk predictions and early warnings. Enhanced city resilience to floods with detailed flood maps and predictive analytics.

CERTIFICATIONS

Geo Petro Meet 2020

"Undergone one-day workshop regarding Petrology"

Geo Horizon 2021

"Terrain Based LIDAR Mapping," Annual Technical Symposium, Society of Geoinformatics, College of Engineering, Guindy, Chennai (March 2021)

Geo Horizon 2020

"Thermal Infrared Application and Remote Sensing," Annual Technical Symposium, Society of Geoinformatics, College of Engineering, Guindy (March 2020)