ABHIJITH VADAKKEDATH

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Experienced and resourceful GIS ANALYST with a Master's Degree in Science. Accomplished proficiency in utilizing geospatial technologies and programming languages like Python to analyze and visualize spatial data. I have demonstrated expertise in spatial analysis, data management, and geospatial tool development. I am adept at solving complex geospatial problems and delivering actionable insights to support decision-making. My passion for geography and technology has led me to specialize in harnessing geospatial data for a wide range of applications, from environmental monitoring to urban planning. Thrives working in a dynamic environment that calls for exceptional adaptability, flexibility, and effective collaboration and teamwork with and within teams.

WORK EXPERIENCE

2022 – Current   Subject Expert-Geology, RS&GIS   Canopy Geospatial Solutions   (Ernakulam, India)

- Proficient in overseeing UAV missions in real-time to ensure the preservation of data quality and adherence to safety standards.
- Expertise in planning missions for site inspection, and geological and terrain resilience.
- Skilled in processing and analyzing UAV-collected data to derive actionable insights.

2022 – 2022   Associate Geospatial Analyst   AIDASH   (Bangalore, India)

- Focusing on high-resolution, multispectral imagery and SAR data.
- Utilizing data from leading satellite constellations.
- Developing proprietary AI models for timely predictions.
- Enhancing efficiency in asset operations and maintenance activities.

2021– 2022   GIS Analyst   Deduce technologies   (Bangalore, India)

- Utilizing mapping software, including ArcGIS, QGIS, and JOSM.
- Analyzing and digitizing spatial data
- Proficiency in Excel for data conversion and transformation.
- Enhancing data resolution for in-depth research and analysis.

SCIENTIFIC EXPEDITIONS

On Voyage The expedition for Geoscientific Studies of Exclusive Economic Zone (EEZ) of India in the Northern Bay of Bengal offshore region on board RV-MGS Sagar Cruise.

RELEVANT SKILLS

- **Computer skills:** Microsoft Office, Coding Languages (Python, R), GIS Software (ArcGIS, QGIS, Mapbox, Grass GIS), Python, GIS software API (Esri ArcGIS API, QGIS API, CARIS HIPS and SIPS, Excel.
- **Technical:** Geospatial data formats, Web mapping, Project management, Cartography, Map Design, Data interpretation, Remote sensing, Image Analysis, Map Projections, UAV operations.
- **Professional/Social:** Teamwork, Project- Management, Communication, Leadership, Organization, Problem-solving, Attention to detail, Analytical Skills, Time management, Client Interaction, Data Presentation, Conflict Resolution.
- **Languages:** Malayalam, Hindi, English (B2), German(A1).

EDUCATION

2020	*Master of Science* **Earth Sciences**	**Kerala University of Fisheries and Ocean Studies**	**(Ernakulam, India)**
2018	*Bachelor of Science* **PHYSICS**	**University of Calicut**	**(Thrissur, India)**

PROFESSIONAL CERTIFICATIONS

- **World Education Services (WES)**
  Educational Credential Assessment (ECA for IRCC Canada) Completed for Master's Degree and Bachelor's Degree. [REF#: 5912918IMM]

- **IELTS (GENERAL TRAINING)**: CEFR Level-B2