

MAYANK DOI

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🌐 [Mayank-Doi](https://github.com/DoiMayank)

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Education

Panjab University- Master's Remote Sensing & GIS(Geomatics 2022 Gate Qualified- AIR 676)

Aug 2018 – May 2020

Chandigarh University- Bachelor's in Petroleum Engineering

Aug 2014 – June 2018

Skills

- ArcGIS/QGIS
- HTML, CSS, JavaScript
- Python Scripting
- AWS/Azure
- VSCode, Visual Studio
- MySQL
- Geoserver

Experience

Aerologix Pvt Ltd

Oct 2023 – July 2024

Integrated Quality & Support Specialist

Bangalore

- Conducted thorough audits of geospatial data sources, achieving a 25% improvement in overall data reliability. this initiative directly supported successful project outcomes and enhanced collaboration with external mapping partners.
- Streamlined task management by creating and resolving Jira tickets, optimizing workflows and project.
- Worked with Python to create templates for WebODM, enhancing the automation and productivity of geospatial data processing.
- Facilitated joint testing sessions with QA teams focused on aerial processing tools, identifying and rectifying 4 critical bugs that enhanced overall system performance, achieving a increase in processing speed and reliability.

Laminaar Aviation Infotech

Jan 2023 – Sept 2023

Associate Software Developer

Bangalore

- Supported the development and integration of GIS applications, including creating databases using ArcGIS.
- Contributed to the development and debugging of a Flight Route Application using Mapbox in React and .NET Core.

EagleView

Jan 2021 – Dec 2022

Senior Geomatics Technician

Bangalore

- Developed and supported web-based GIS applications, including a Survey QC tool using JavaScript, and a routing application with Leaflet, while performing geospatial data analysis and database management.
- Conducted flight plan evaluations with GNSS data and identified vulnerabilities using ArcGIS/QGIS, enhancing the accuracy and efficiency of geospatial processes.

Genesis Ray Energy

Oct 2020 – Dec 2020

GIS Intern

Gurgaon

- Developed and integrated digital geospatial data for electrical projects using ArcGIS/QGIS, linking it to existing databases for enhanced data analysis, while coordinating a team of 8 interns.
- Created and published exclusion zone maps on Geoserver and digitized oil and gas blocks, streamlining data extraction and management processes.

Projects

Routing Application / Leaflet, JS

January 2021

ArcGIS Map App / .net,SDK

January 2023

Flight Path Creation / React,mapbox

August 2023

Achievements

- Won ESRI'S National Competition 2019
- Second Prize in poster competition (Engineers Day) – Renewable in Oil & Gas Industry
- Second Prize in Ice Challenge Competition (CU Tech fest 2017)
- Secured 1st & 2nd position in 3rd & 1st yr of B.E
- Presented paper on Renewable in Oil & Gas Industry at PDPF Fest

University Projects

- Solid Waste Dumping Site Suitability Selection using Remote Sensing & GIS. Utilized ArcGIS Model Builder
- Gas Hydrate Anomalies Detection and Prospects in India
- A study on issue related to Sub-Basalt Imaging
- Flood Analysis of Sainj River for data visualization and analytics using ArcGIS, Erdas Imagine and Qgis.