

MAYANK DOI

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

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Objective

Full Stack Developer with 3+ years of experience in React.js and .NET Core. Adept at both front-end and back-end development, seeking to leverage skills in a dynamic environment.

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

- GIT,React
- HTML, CSS, JavaScript
- Python
- AWS/Azure
- VSCode, Visual Studio
- MySQL, PostgreSQL
- 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.
- Collaborated with QA teams to test and improve aerial processing tools, identifying and resolving critical bugs.
- 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 18 critical bugs that enhanced overall system performance, achieving a 35% 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 2019 – Dec 2019

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 PDPU Fest