ARPITA HAIT

GIS Analyst III

• India • +91 7001070371
• ahait1996@gmail.com • https://www.linkedin.com/in/arpitahait/

Result-driven **GIS Analyst** with 7+ years of expertise in **spatial data analysis**, **cartography**, and **geospatial technology**. Adept at leveraging **GIS software** to deliver **data-driven insights** and impactful solutions. Skilled in **photogrammetry**, **map production**, and **enterprise GIS technologies**, with a proven record of **precision**, **efficiency**, and **quality** in geospatial deliverables. Recognized for **technical acumen**, **attention to detail**, and **leadership** in mentoring teams and managing projects.

SKILLS & OTHER

Technical Skills: ArcGIS | QGIS | Global Mapper | Agisoft Metashape | Skylink insight | Emlid Studio | RTK Library | Trimble Inpho | AutoCAD | MapInfo | ERDAS Imagine | Python (ArcPy) | SQL for ArcGIS Pro | Postgres/PostGIS | Adobe Photoshop | MS Office 365 | Photogrammetry | Spatial Data Analysis | Map Production | Geo-AI

Functional Skills: Data-Driven Insights | Geospatial Solutions | Project Management | Team Mentorship | Quality Control | Training & Development | Cross-Functional Collaboration | Analytical Thinking | Attention to Detail | Problem-Solving | Effective Communication | Leadership

WORK EXPERIENCE

SatSure Analytics India Private Limited Oct 2025 – Present
Geospatial Analyst (Dev)
Project: Vegetation Monitoring & Risk Assessment, Hydrology & Drainage Analysis
Client: Greenway Grid Global Pte Ltd, National Informatics Centre (NIC)
Technologies Utilised: Python, ArcGIS, QGIS, Agisoft Metashape, Global Mapper, Google Earth Pro, Advanced Excel, GeoPandas, Rasterio, GDAL, AI Agents

- Led feasibility analysis and execution of geospatial POCs, defining methodologies for hydrology and vegetation risk assessment.
- Built Python-based automated GIS pipelines for large-scale spatial data processing and multi-format data integration.
- Established QA/QC frameworks and collaborated with Data Science & Engineering teams to scale and deployable solutions.

Aarav Unmanned Systems Jan 2023 – Apr 2025
GIS Analyst III
Project: Solar Power Plant Progress Monitoring
Client: Adani Green Energy Ltd
Technologies Utilised: ArcGIS, QGIS, Agisoft Metashape, Skylinkinsight-1.3.7, Global Mapper, Emlid Studio, RTK Library, Google Earth Pro, Advanced Excel

- Spearheaded the end-to-end processing of drone imagery to deliver precise spatial data for client decision-making.
- Managed the onboarding, training, and mentoring of new hires, fostering skill development, and team growth.
- Developed comprehensive analytical reports and implemented strategies to enhance workflow efficiency.

Eagleview Technologies Mar 2021 – Dec 2022
Senior Photogrammetric Correction Technician
Project: Eagleview Reveal™ Imagery
Clients: Government, Roofing Construction, Solar, Insurance, and Utility Sectors (USA)

Technologies Utilised: ArcGIS, QGIS, Salesforce, QuickBase, Adobe Photoshop, Global Mapper, Buildmode, Trimble Inpho, Google Earth Pro, Advanced Excel

- Supervised the photogrammetric correction team, identifying and rectifying data anomalies in multi-band ortho-mosaics.
- Conducted training sessions to elevate the technical proficiency and operational efficiency of team members.
- Analyzed metrics to enhance production rates, ensuring optimal process quality and consistency.

Sun Technology Integrators Pvt. Ltd Nov 2019 – Aug 2020

Senior Production Executive

Project: Southeast Outside Plant Records Reconciliation Center (SE-OSPRRC)

Client: AT&T (Telecommunications)

Technologies Utilised: Byers EWO, BST.CAD, JMS Viewer, TRAKS, OPEDS JMS, Google Earth Pro, RcWeb

- Designed and reviewed fiber optic network plans for FTTH and GPON deployments, ensuring network accuracy.
- Conducted thorough quality checks and addressed design inconsistencies to maintain data integrity.
- Prepared detailed productivity and quality reports while mentoring the team to achieve performance benchmarks.

Marvel Geospatial Solutions Pvt. Ltd Sep 2018 – Oct 2019

GIS Engineer

Projects:

- Preparation of Base Map for Karnataka State (Client: KSRSAC)
- Geo-Database Correction for MODON (The Saudi Authority for Industrial Cities & Technology Zones)

Technologies Utilised: ArcGIS, QGIS, AutoCAD, Google Earth Pro

- Digitized and managed geospatial datasets by analyzing high-resolution satellite imagery.
- Executed database corrections, resolved topology errors, and facilitated portal uploads for timely project completion.
- Conducted training to ensure compliance with quality standards and maintained seamless client coordination

INTERNSHIPS

Cyberswift InfoTech Pvt. Ltd May 2018 – Aug 2018

GIS Trainee

Technologies Utilised: AutoCAD, ArcFM

- Designed electrical network layouts and coordinated with field surveyors.
- Updated and maintained GIS data for electrical network systems.

BSES Rajdhani Power Ltd, India Mar 2018 – Apr 2018

GIS Technician Trainee

Technologies Utilised: MapInfo Professional

- Designed and updated electrical network systems using GIS software.
- Converted GPS data to GIS format and coordinated with surveyors.

DDUGJY Project, West Bengal, India Sep 2017 – Feb 2018

Draftsman

- Designed electrical network systems and updated GIS data for project requirements.
- Coordinated with field surveyors for accurate mapping and updates.

EDUCATION

Bachelor's Degree (BSc Computer Science) |IU International University of Applied Sciences, India | 2023 – Present

Diploma in GIS & GPS Engineering |West Bengal State Council of Technical Education, India | 2015 – 2018

CERTIFICATIONS

- ArcPy for Python Developers using ArcGIS Pro (Udemy)
- SQL for ArcGIS Pro® for Esri Users (Udemy)
- Open-Source GIS: Enterprise GIS with Postgres/PostGIS (Udemy)
- Basics of Remote Sensing, GIS, and GPS (IIRS Distance Learning, Dehradun)

AWARDS & ACHIEVEMENTS

- Above and Beyond Award | May 2021

REFERENCES: Available on request **(ARPITA HAIT)**