# AKASH RAJWAR
## GIS ANALYST

**Address:** Village Genwala, Uttarkashi, Uttarakhand, 249193

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### Professional Summary

GIS Analyst with 7 years of experience in the field of GIS, Remote Sensing, Cartography, Surveying by utilization of open-source software's and ESRI products for analyzing, mapmaking, and visualization of the geospatial data.

### Skills:

- Surveying, processing and plotting of data from DGPS and Total Station.
- Ability to create and modify geographic data from a variety of sources such as text files, hard-copy maps, GPS data, and field notes.
- Quality checking and assurance of topology in network analysis.
- Geo-referencing of images, topo sheets for necessary classification.
- Processing and classification of point cloud data
- Geocoding and updating of non-spatial data.
- Data conversion and migration.
- Database Management

### Skill Set:

ESRI Suit, QGIS, Global Mapper, AutoCAD, Land & Geospatial Survey, Photogrammetry, Georeferencing.

### Work History & Experience:

**1.** Prakhar Software Solutions Pvt.Ltd.                                    (Sept 2024 to till
   Client: (Airports Authority of India –Rajkot International Airport)          GIS Analyst.)

Responsibilities:

- Periodic Obstacle limitation Survey for the existing airports based on the requirement.
- Preparing Charts and Maps as per ICAO standards.
- Providing site elevation and site coordinate certificates for Nav-Aids within the premises of Aerodrome and networking airports.

**2.** AECOM - (Uttarakhand)                                          (Sept 23 to Sept 24

Responsibilities:                                                CAD Specialist | |)

- Develop Detailed CAD Drawings and models for railway tunnel construction and alignment.
- Assisted in designing tunnel support system, excavation, plans & structural reinforcement.
- Collaborated with geotechnical and civil engineers to ensure accurate design implementation.

3. <u>Prakhar Software Solutions Pvt.Ltd.</u>                          (Sept 22 to Aug 23
   Client: (Airports Authority of India –Rajkot International Airport)       GIS Analyst)
   <u>Responsibilities:</u>

- Conduct topographical and geospatial survey for airport infrastructure development.
- Providing site elevation and site coordinate certificates for Nav-Aids within the premises of Aerodrome and networking airports.
- Issued NOC Certificate for those whose build any high-rise structure near by the Airport.


4. <u>ESRI India Technologies Pvt Ltd (Haryana)</u>                          (Aug 21 to July 22
   <u>Responsibilities:</u>                                          Senior GIS Technician)

- Digitized features for base map and ensured zero errors in topology.
- Highly proficient working in geometry network & utility network.
- Analyze and design data as per source document & process changes to client server.


5. <u>Attentive AI Solution Pvt Ltd (Delhi)</u>                          (Sept 2022 to July 2021
                                                                 GIS Executive)

   <u>Responsibilities:</u>

- Spatial object detection and tracking for Machine Learning.
- Produced Geo-referenced historical image & maps, and digitized new feature as requested.
- Create Translate & integrate GIS Data Layers and Digitize new data using a variety of software.


6. <u>Map My India (Delhi)</u>                                          (April 2018 to Sept. 2020
                                                                 GIS Trainee)

- Working with Imagery sources to build and correct vector date.
- Process field changes and survey data to utilize in the GIS Change Management Environment.
- Manage work stream of projects to enable and identify capabilities for global quality service delivery.


**EDUCATION:**

**1.** Diploma In Civil Engineering --------**70%**
   Uttarakhand Board of Technical Education Roorkee.

**2.** Bachelor of Arts----------------------- **64%**
   Uttarakhand Open University.

**STRENGHTS:**

- Reading Books.
- Keen to learn new things and quick learner.
- Able to adjust according to the work environment.


**Declaration**
I hereby declare that all the information furnished above is true to the best of my knowledge and belief.