RAHUL KOLEY

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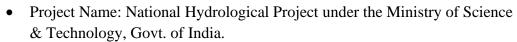🏠 BORAI, 31ST ROAD, BORAI KOLEY PARA, SINGUR, HOOGHLY, WEST BENGAL, PIN-712306

🗾 English, Hindi, Bengali

Profile	To become a successful professional in the field of Remote Sensing & GIS and to work in an innovative and competitive world which will help me to explore myself as an Innovators to bring revolution in Geospatial Technology.

Work Experience

- Company Name: IIC TECHNOLOGY LIMITED
- Designation: GIS Engineer
- Work Duration: December'19 to Present
- Project Name: National Hydrological Project under the Ministry of Science & Technology, Govt. of India.
- Responsibility:
Pre-processing the Satellite Image (Filtering, Image Enhancing) to make ready for use of production team, generating vegetation and water index for convenience of feature identification, taking decision about the features.

In QC Team: Checking the production file, "Captured the different natural features from satellite image in different scale based on the domain & defined the attribute as per the client requirements" checking the multi-centroid & missing centroid run the topology and checking the dangles & fix it.

In Data Integration Team: Conversion of entire sheet into line to polygon and spatial join with point to get the attribute. Based on the attribute need to upload in Client Geodatabase in different feature class. Ground Surveyed data (like Bridge Point, KM Stone, Power Pole, Metro Pillar, Photography of different features) need to upload in a specific feature class and Picture of different features will be hyperlink at their attribute linked with server etc. Checking the Polygon topology Sliver, Overlap, Gaps Error's, submit the file **to the Client** and error handling for upcoming feedback.

- Company Name: CSS Corp Private Limited
- Designation: GIS Trainee
- Working Duration: July'19 to December'19
- Project Name: Here Maps POI Database Development
- Of State of Telangana & Specially on Hyderabad City.
- Job Responsibility: Extraction the Latitude & Longitude from Geotagged Image by ArcGIS, develop points Shapefiles, Create the attribute as per Client requirements and join the attribute along with the shapefile.

Remote Sensing Skills	
	- Image Pre-processing: Radiometric Correction, Atmospheric Correction,
	- Image Enhancement- Colour Composition, Filtering
	- Image Classification- "Minimum Distance to Mean", "Spectral Angle Mapper", "Decision Tree", "Support Vector Machine" etc.
	- Indexing- NDVI, NDWI, EVI, LAI, SAVI
	- Image Type: Multispectral (Liss-III; IV, Landsat, Sentinel-2)
	Hyperspectral- Hyperion
	Microwave- Sentinel-1
	- Software's: ENVI, ERDAS, PCI Geomatica, SNAP, Global Mapper

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GIS Software's

- **ArcGIS:** ArcMap, Arc SCENE, ARC GIS ONLINE, ArcGIS Pro
- Creating Model tool workflow automation
- Creating Toolbox and generating the Geo-Processing Tool.
- Quantum GIS, AutoCAD

Programming Language Skills

- Python Programming (Beginner)
- R Language (Beginner)
- Arcpy

Academic Background

Qualification	Year	University/ Board	Percentage
M. Sc. in Remote sensing & GIS	2019	Vidyasagar University	84.42
B.Sc.	2017	Calcutta University	65.12
Higher Secondary	2014	W.B.C.H.S.E	83.60

Skills

- Innovative idea
- Good Analytical & Quantitative Skills.
- Positive attitude
- Hardworking

Interest & Additional information

- Working with new software's
- Explore the new technology
- Social Work (Member of NSS)
- Playing football
- Reading adventure story books

Hitech City, Hyderabad   Rahul Koley

Scan this QR for my Innovative Scripts