

## CAREER OBJECTIVE

*I am a diligent GIS-Engineer (Geologist) with 4 years of experience of work on various projects of central and state government of India. I have experience managing high-pressure situations and my problem-solving skills earned me the words of appreciation from the clients and upper managements. I possess M. Sc. Tech. in Applied Geology, with RS & GIS techniques & impeccable interpersonal communication skills. I aspire to provide exceptional service to your organization.*

## SKILLS

|                             |                          |                           |                           |                       |                             |                              |
|-----------------------------|--------------------------|---------------------------|---------------------------|-----------------------|-----------------------------|------------------------------|
| Applied Geology             | Hydrology                | Engineering Geology       | Remote Sensing            | Aerial Photography    | Aerial-Photo Interpretation | Projection                   |
| GIS                         | Satellite Imageries      | Image Classification      | Supervised / Unsupervised | Land use              | Land cover                  | Thematic Mapping             |
| Geological Map              | Drainage Map             | Geo-chemical Sample Map   | Contour Map               | Cartographic map      | Geodesy                     | Geo-physical Survey          |
| Groundwater quality         | Water Resources planning | Digitization              | Topology error solution   | Geo-database          | Attribute Table             | Data conversion CAD to Shape |
| ArcGIS                      | Q-GIS                    | Geo-ref                   | Symbology and labeling    | Geomedia/Erdas        | Meta-data                   | Layout for printing          |
| Scrutiny of geo-dossier     | QC & QA of GIS/CAD Maps  | Learning Python for Q-GIS | MS-Word/Excel/PowerPoint  | Photoshop & CorelDraw | Eradas                      |                              |
| Interpersonal communication | Collabland               | Team leader               | Liason                    | Trainer               | MS-Access                   | Effective Communication      |
| Good listener               |                          |                           |                           |                       |                             |                              |

## PROFESSIONAL EXPERIENCE

**ASTRON SYSTEMS PRIVATE LIMITED, NAGPUR, INDIA**

**GIS – Engineer (Geologist), 01 April 2016 – Present**



### Major Projects:

1. ***“Digitalization of Geological Reports and Maps”.***
2. ***“Project of Land Record Department of various districts in Maharashtra”***

### Minor Projects:

1. ***Groundwater exploration survey.***
2. ***Groundwater quality investigation for drinking, irrigation and other purpose.***
3. ***Field verification survey for the validation of projected non-coordinate maps.***
4. ***Establishment survey.***

### Responsibilities performed:

- Conduct in-depth research, compile data, and prepared scientific reports / maps on GIS / CAD / MS-Office platform for consideration in project reviews presented to high-level executives and governing committees.
- Organized the scanned raster data, geo-referencing, rectification operations performed on over 5000+ raster.
- Remote Sensing Techniques & Q-GIS, ArcGIS software used for processing of Satellite Imageries / base maps.
- Aerial photo interpretation for hydrogeological and geological investigation.
- Resistivity survey for groundwater exploration and thematic maps of drainage network, basin, contour maps.
- Smaller project of ground water quality investigation carried out (nitrate, fluoride and other contamination).
- Troubleshooting operation performed on problems emerges in the digitization/topology buildup.
- Data conversion from CAD to shape files with accurate data field, cross verification of attribute tables.
- Generation of geo-database, layer symbology, feature labels, modification in metadata, layout for printing.
- Read and analyze the scientific dossier prepared for its quality control and assessment.
- Prepare daily memos, progress reports, invoices, road map, presentations and other documents using word processing, database, spreadsheet, or presentation software.
- Trained the team of 15-30 interns periodically to prepare the GIS/CAD maps.

## GEOLOGICAL SURVEY OF INDIA, NAGPUR, INDIA

*GIS – Engineer (Geologist), 03 Nov 2015 – 31 March 2016*



### Major Project:

#### 1. “Digitalization of Scientific Reports and Maps”

### Responsibilities Performed:

- Strategized with clients to help them to complete project of government, based on digitalization of reports.
- Primarily completed the workload and data management and track of workflow.
- Periodic submission of progress reports and status of project to the high-level executive and director.
- Troubleshooting provided to client in preparation of geological & drainage maps and in the scientific reports.
- Analyzed the drawing files of geological maps on CAD, for topology, metadata, and for other standards.
- Validated the geological reports and maps on MS-office, CAD, Q-GIS and ArcGIS.
- Maintained record of geological dossier and maps given for QC/QA to officers.

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## CENTRAL INSTITUTE OF MINING AND FUEL RESEARCH, BILASPUR, INDIA

*Project Assistant, 16 June 2015 – 31 Oct 2015*



### Major Project:

#### 1. “Quality monitoring of coal at loading points supplied to MPPGCL from different SECL sidings and their characterization.”

### Responsibilities Performed:

- Performed fieldwork of coal sampling by maintaining coordination with SECL officer.
- Arranged meetings with client to discuss their issues regarding coal quality.
- Supervised the sample preparation operation to ensure the quality control.
- Prepared daily, weekly and monthly reports to report the project leader.

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## EDUCATION



- **M. Sc. Tech. Applied Geology** *Nagpur University, 2015* with CGPA: **8.24/10.00**
- **B. Sc.** *S. R. T. M University Nanded, 2012* with **73.16%**
  - **H. S. C** *Maharashtra Board, 2009* with **56%**
  - **S. S. C** *Maharashtra Board, 2006* with **53.86%**



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## TRAINING

- “Training on fundamentals of GIS with interface of AUTOCAD, Q-GIS, Arc-GIS software” Organized by the Regional Training Institute (RTI), Geological Survey of India, Nagpur.
- “Mine training at SAIL, IOC, Dallirajhara Mine, Dist. Rajnandgaon, Chhattisgarh”.

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## OTHER DETAILS

### Achievements:

1. Best Performance in State Level Debate competition held at DSM College, Parbhani.
2. Best Presentation Award in seminar series of Nagpur University.
3. Super Model of the year in annual fashion show competition at Nagpur University.

**Languages:** English, Hindi, Marathi, Urdu, Arabic (beginner), Farsi (beginner), Pali (basic), Spanish (beginner).

**Hobbies:** Cycling, Guitar, Sufi-folk-poetry & Sufi literature.

**Relationship Status:** Married.

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