

RESUME

Mohammad Sarfraj

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Career Objective

Seeking a position offering career opportunities for Personal Contribution and professional growth utilizing my RS & GIS technical knowledge in the Geological, Hydrological & Geographical field.

Educational Qualification

2015: Post PG Diploma in Geoinformatics in Earth Science from Geological Survey of India Training Institute, Hyderabad with **6.88 CGPA**

2014: Post Graduation (M.Sc.) in Geology with **7.9 CGPA** from Mahatma Gandhi Chitrakoot Gramodaya University, Chitrakoot, Satna (M.P.)

2012: Graduation (B.Sc.) in Geology with **6.2 CGPA** from Mahatma Gandhi Chitrakoot Gramodaya University, Chitrakoot, Satna (M.P.)

2009: Intermediate (Science Group) with 58.6% from Uttar Pradesh Board, Allahabad

2006: High School (Science Group) with 60% from Uttar Pradesh Board, Allahabad

Work Experience

5 Year

GIS Expert

Government of Rajasthan Department of Watershed Development & Soil Conservation Jaipur - *May 2019 to Present*

- ❖ Preparation of GIS based mapping Revenue maps, Georeferencing, Digitization, Geo-Tagging, KML File creation, Google Earth and Watershed Management Planning by using GIS techniques.
- ❖ Image Interpretation (Aerial Photo, UAV and Satellite Image) GPS Data Handling etc.
- ❖ Watershed Structure monitoring on MJSA Portal (Rajasthan) and Bhuvan Indian Geo-Platform of ISRO by National Remote Sensing Centre (NRSC).

Senior GIS Executive

GIS Consortium (India) Pvt. Ltd. Noida (U.P.) - *May 2018 to April 2019*

- ❖ Watershed Management Planning by using GIS Techniques of MJSA (Mukhyamantri Jal Swavlamban Abhiyan) under the project of Government of Rajasthan.
- ❖ Manage District's remote sensing data resources, including evaluation, acquisition, processing, analysis and Dissemination. The managed data mainly include SPOT, TM, IRS, Hyperspectral Imaging System, AVIRIS, USGS DOQQ, UAV and Other aerial photography etc.
- ❖ Image Classification, Digital Elevation Model DEM and UAV Data Handling.

Hydrogeologist

Geo Resource and Infra Developers Bhopal M.P. *March 2018 to May 2018*

- ❖ Ground Water survey by using Resistivity meter and Preparation of Ground Water Prospecting Map by using GIS Techniques, a project of Central Ground Water Board India.
- ❖ Geophysical Survey for Gradient Profiling Resistivity (GRP) and Vertical Electrical Sounding (VES) test for Aquifer Mapping.

Hydrogeologist

Centre for Ground Water Recharge, Raipur Chhatisgarh - *Oct 2017 to Feb 2018*

- ❖ Ground Water survey by using Resistivity meter and Preparation of Ground Water Prospecting Map by using GIS Techniques, a project of OLIC (Odisha Lift Irrigation Corporation Ltd.)

Geologist

Shri Ram Mining and Geotech Satna (M.P.) - *July 2015 to July 2017*

- ❖ Preparation of Mining Plan (like Limestone, Basalt, Dolomite, Granite, Flagstone, Sandstone, River Sand and other building material rocks mining) and Environment Clearance Report for liaisoning by using GIS Techniques.

Technical skills

- ❖ Arc GIS, ERDAS Imagine, QGIS, Global Mapper, Google Earth and ILWIS Software handling and its application
- ❖ Basic in Auto CAD and Surfer Software
- ❖ Cartography
- ❖ Photogrammetry, Photoshop
- ❖ Image Interpretation (Aerial Photo and Satellite Image)
- ❖ GPS Data handling
- ❖ Knowledge in Windows/MS-Office and Browsing Internet.
- ❖ Resistivity Meter for GRP & VES test and Drilling for Ground Water.

Dissertation work

- ❖ Evaluation of active tectonics of the eastern Shillong plateau through DEM-based geomorphometry by using GIS Techniques under the Spatial Analyst tools in Arc GIS.

Summer Training

- ❖ **Organization:** Barsua Iron Mine, Raw Material Division, Steel Authority of India Ltd.(SAIL)
- ❖ **Duration:** 25 days (15 April - 14 May 2014)
- ❖ **Topic:** Need of beneficiation of Barsua Ore to fulfill the quality requirement of Steel Plant.

Vocational Training

- ❖ **Organization:** Satna Cement Works, Satna (M.P.)
- ❖ **Duration :** 15days (5-20 August 2013)
- ❖ **Topic :** Manufacturing Process of Cement
- ❖ **Organization:** Mineral Resources Department Regional Office Rewa (M.P.)
- ❖ **Duration :** 7 days(02-09 December 2013)
- ❖ **Topic:** Survey and Demarcation of Limestone in Tala - Bigodi area Tehsil- Amarpatan Distt. Satna is a part of SOI Toposheet no. 63 H/3 with Special Attention to its Industrial Utility.

Field Work Completed

- ❖ Three days, I have done Geomorphological and Geological field work in Kurnool (A.P.) 2015 during the PG Diploma courses.
- ❖ I have completed GCP study of ground water prospect map of KVK Majhgawan DRI (Deendayal Research Institute) and MGCGV 217E4G Birsinghpur watershed project.
- ❖ I have also completed research field work with GPS in Vindhyan and Bundelkhand region of Chitrakoot surrounding.

Workshops Attended

- ❖ International workshop on “**Indian Geological Congress & International Symposium on Mineral and Mining in India. The way forward, inclusive of Co-operative mineral-based industries in SAARC Countries.**” at M.P.C.S.T Bhopal, (M.P.) on 27 to 29 April 2013.
- ❖ A Training on “**Village Level Aquifer Management Plan**” at Chitrakoot by C.G.W.B. (U. P.) on 20 to 21 march 2013.
- ❖ A Training Programme on “**Role of Remote Sensing and GIS in Natural Resources Management**” at U.P.R.S.A.C. Lucknow, (U.P.) on 17 to 21 September 2012.
- ❖ A Training Programme on “**Palynology in Fossil Fuel/Hydrocarbon Exploration**” at B.S.I.P. Lucknow (U.P) during 10 to 15 September 2012.

Personal Details

Name:	Mohammad Sarfraj
Father's Name:	Mohd. Sadik Siddiqui
Date of Birth:	01-12- 1991
Gender:	Male
Marital Status:	Single
Nationality:	Indian
Languages Known:	English, Hindi and Urdu
Home Address:	H.N. 140 Durgakunj, Dariyan Tola, Tarauhan, Karwi Dist. Chitrakoot (U.P.) PIN. 210205
Passport No.	N4629242

Declaration

I hereby declare that the above-mentioned information is correct up to my knowledge.



Mohammad Sarfraj