

Curriculum Vitae

Rahul Sarkar

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Profile Overview:

GIS Engineer at “Reliance Jio Infocomm Limited”, Guwahati.

- **July 2018 to Till now.**
- Working on R4G Network.

Jr. GIS Executive at “PSP Financial Consultant Private Limited”

- **January 2018 to June 2018**
- Capacity Building for Urban Development Municipal Tax and Fee Improvement-Improvement in Property Tax Collections using GIS.

Sr. GIS Executive at “RT Network Solutions Pvt. Ltd”.

- **Client :** Reliance Jio Infocomm Limited, Kolkata
- **Duration : September 2015- December 2016**
- Worked on R4G Network Analysis.
- Uploaded as-built data migration to Network Engineer software.
- Codification of OSP Features.
- Cable blowing data update in NE-Placement of Transmedia, Loop & Splice closure, Association of Transmedia with span by creating span cross section, creation of fiber connectivity.
- Interdepartmental coordination for daily deliverables.
- Cut & Fault update for O&M Team.
- Maintain database for various data submission, distribution and follow-up.

GIS Executive at “Ridings Consulting Engineers India Pvt. Ltd”.

- **Client :** Reliance Jio Infocomm Limited, Kolkata
- **Duration : February 2015- August 2015**
- Worked on R4G Network Analysis.
- As-Built Input Data checking and Interaction with vendor for data rectification.

- Upload as-built data in Reliance JIO Intracity as-built generation portal.
- QC of the data in Arc GIS for final posting in Enterprise Geodatabase.

Trainee:

Accuracy Assessment of Urban Land Use/Land Cover Classification using Different Digital Image Processing Techniques.

Birla Institute of Technology, Mesra.

July 2013 – July 2014 (1 year)

- Worked on urban land use land cover classification over Ranchi city using Landsat 8 data.
- Supervised classification Techniques.
- Unsupervised classification techniques.
- Principal component analysis.
- Object based image classification.
- Accuracy assessment of all these digital image processing techniques.
- Review the accuracy variation of different land use classes among these techniques.

Short term Project:

Aerosol Optical Thickness (AOT) retrieval over Ranchi City BIT, Mesra

May 2013 – July 2013 (3 months)

- ☐ Worked on Aerosol optical thickness retrieval over Ranchi city using Landsat TM data.
- ☐ Target reflectance at ground level.
- ☐ Calculate at satellite radiance.
- ☐ Atmospheric path radiance.
- ☐ Global irradiance.
- ☐ Sensor atmospheric transmittance.

Academic Details:

- ☐ **MTech (Remote Sensing)** 2014, “Birla Institute of Technology”, Mesra, Ranchi, Jharkhand (81.6%)
- ☐ **M.A (Geography)** 2012, “Guru Ghasidas Central University”, Bilaspur, Chhattisgarh (61.10%)
- ☐ **B.Sc. (Geography)** 2010, “Kalyani University”, West Bengal (57.12%)
- ☐ **Higher Secondary** 2007, “West Bengal Board of Higher

Secondary Education”, (64.80%)

- 10th 2005, “West Bengal Board of Secondary Education”, (52.37%)

Certifications:

- Attended a Ten Days Workshop on “**Climate Change, Cryosphere, Habitat and Changing Livelihood Pattern of Ladakh Region**” Organized by NIH and University of Jammu, Sep-2014.
- EDUSAT based Distance Learning Program in “**Remote Sensing, GIS, GPS and GeoWeb Services.**” -By **Indian Institute of Remote Sensing (ISRO)**.
- Participation certificate in short term training Program on **AutoCAD** sponsored by **TEQIP**.

Skills and Expertise:

- **GIS & Image Processing:** Mobile Mapper Office, ArcGIS Citrix Server, ERDAS Imagine, MapInfo, Network Engineer, ENVI 4.7, eCognition 8, ArcInfo.
- **GPS:** Leica GPS & DGPS, Trimble, Germin Etrix
- **Programming Languages:** C
- **Operating Systems:** Windows XP/Vista/7/8
- **Software:** AUTOCAD, MS Office

Personal Details:

Gender: Male, **Marital Status:** Unmarried, **Date of Birth:** 1st Feb 1990,

Father’s Name: Meghnath Sarkar, **Hobbies:** Listening music & Travelling, **Nationality:** Indian,

Address: Vill- Baroduary, P.O- Azimganj, Dist.- Murshidabad, Pin-742122, West Bengal. India

References:

1. Dr. A.P Krishna, Professor & Head, Dept. of Remote Sensing, Birla Institute of Technology, Mesra,

Email: apkrishna@bitmesra.ac.in Mobile: +91-9431100447

2. Dr. Milli Ghosh, Asst. Professor Dept. of Remote Sensing, Birla Institute of Technology, Mesra,

Email: milighosh2001@rediffmail.com, Mobile: +91-9431161249.

3. Nilanjan Dutta, GIS Manager at Reliance Jio Infocomm Limited, Kolkata, India.

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