

**Chandan Maity**

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**Address for correspondence:**

House No-135, Capital appt. Nasirpur, Sector-1A, Dwarka, Ne w Delhi - 110045

**Qualification:**

M.Sc (Remote Sensing & GIS)

**Personal details:**

Date of Birth: 26th Feb1988

Se x: Male

Nationality: Indian Religion: Hindu

Marital Status: Unmarried

Father‘s Name: Mr. Ramesh Maity

**Languages Known:**

English: - Read, Write & Speak.

Bengali: - Re ad, Write & Speak.

Hindi: - Read & Speak.

**Permanent Address:**

SriRampur, Mohanpur,

Paschim Medinipur-

721436, West Bengal, India.

Phone No. +91 9679881162(M).

**Interests & Hobbies:**

Sports &Travelling.

CURRICULUM - VITAE

**Career Objective:**

My objective is to develop a career in the field of Remote Sensing & GIS for Spatial Analysis, Strategic Planning & Management, Geoinformatics and Environmental Modeling. Where individual research Potentiality, analytical Skills & management capabilities could be properly utilized. Capable to handle projects independently as well as and as a team member with capacity of middle level management. I am always trying my best for the achievement of Goals of the Organization/Company through my full effort, skills, sheer professionalism and dedicated hard work.

**Professional Experience:**

* More than 7+ year experience in processing of satellite data acquired by image Analysis, interpretation, classification and composition of maps for customized output generation.
* Operational knowledge in working with ERDAS imaging image Processing software.
* Experience with Arc Object and Python Scripting.
* Experience with Web Based Application in Geoserver and Postgre SQL Database.
* Working knowledge in ArcGIS, AUTOCAD,QGIS towards spatial database generation, integration and query generation.
* Working with Global Positioning System for collection of field intelligence, navigation and satellite data registration.
* Scientific report writing.

**Computer Skill:**

* MS-Word, MS-Power point, MS-Excel (2003, 2007, 2010),

Adobe Photo-shop CS**4**, CS **2** (Documentation & Graphics).

* Windows 98, 2000, XP, Vista, Windows 7
* Basic Knowledge in ”C‘

**Proficiency in image processing and GIS software:**

* Arc GIS 9.1, 9.2, 9.3.,10,10.1 , 10.2,10.4
* ERDAS Imagine 8.5, 8. 6, and 9.1,2011,2014
* Map Info Professional 8.5, 8.6, 8.7, 9.0.10.0
* Auto-CAD 3D Civil 2008.2013,2015
* Arc Object Editor
* Arc FM
* Quantum Gis2.1,2.2, 2.14,2.8.2
* Global Mapper
* Pmapper (publishing)
* QGIS Server
* GPS, DGPS and Total Station For Surveying
* PCI Geometica
* Geoserver

**Work Experience in companies:**

• As a jr.GIS Executive in **Gisconsortium India Pvt. Ltd**, Noida (U.P.)

Duration: Aug, 2010 to Sep, 2011.

* As a GIS Executive in **SGS** **InfoTech Pvt. Ltd,** Gurgaon (Haryana).

Duration: Sep, 2011 to Jun, 2013

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• As a GIS Associate in **COWI India** **Pvt. Ltd,** Gurgaon (Haryana).

Duration: July, 2013 to Dec, 2014

• As a GIS Analyst in **Unistal System Pvt. Ltd.** Noida(U.P.).

Duration: Jan, 2015 to Dec, 2016.

• As a JRF in **National Institute of Malaria Research (ICMR-NIMR),** New Delhi.

Duration: May, 2017 to Present.

**Academic Qualifications:**

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| **Examination passed** | **Board/university** | **session** | **% of marks** |
| M.Sc. in RS & GIS | Vidyasagar University | 2008-2010 | 68.75 |
| B.Sc. in Geography | Vidyasagar University | 2005-2008 | 54.38 |
| Higher secondary | W.B.C.H.S.E. | 2005 | 74.80 |
| Secondary Education | W.B.B.S.E. | 2003 | 81.25 |

**Work Experience at University:**

[“Embankment and Sundarban – A Cognitive Approach Using Remote Sensing and GIS”.] in the Dept. of Geography and Environmental Management guidance by Dr. RAMKRISHNA MAITI – Vidyasagar University, Midnapore-721102, WB, India. [1st March, 2010 to 1st July, 2010.]

Good experience cum knowledge on Telecom Clutter Data Preparation, Telecom Conversion, LULC map preparation, LULC change detection map preparation, High level of crop classification and estimation; Building/Infrastructure data capturing and database preparation, Soil Mapping, One navigator data preparation, Geo-coding of census data, Pin code boundary drawing, Property/Parcel mapping, etc. Hands on good technique for Registration, Pan Sharpening, Color Balancing, Accuracy Assessment Report, Classification etc.

Having capability for data (Image/Vector) download, Arrangement, Extraction, Layer Stack, Re-projection, and Sorting (LANDSAT, EO-1, Quick Bird, Geo Eye, Digital Globe, ASTER, GE Image, Toposheets LISS-III & IV, ETM+ etc.).

Having experience in RS & GIS data production and managing the every day‘s productivity as per the customer specification and requirement. Experience in direct customer handling and meeting their

demand. Hands on experience in data quality checking, root cause analysis and managing the corrective & preventive action for the same.

**Details of Project work Experience:**

**Project 1:**

**Name of the Project: TTSL (Tata Telecom Service Limited).**

**Scope of the Project:** LandUse/Land Cover data preparation and electricity pole distribution map creation for Telecom services.

**Name of the Client:** TATA Telecom Department.

**Project Responsibilities:** Data Collection, Data Extraction, Rectification, Noise removing, FCC generation, Color balancing Supervised/Unsupervised Classification, Major class recoding, QA/QC.

**Project 2:**

**Name of the Project: DSSDI(Delhi State Spatial Data Infrastructure).**

**Scope of the Project:** To develop a very accurate and detail spatial database to detect change of land features especially new buildings/construction and infrastructure between two significant years for major areas of New Delhi.

**Name of the Client:** Survey of India.

**Project Responsibilities:** Work procedure define, new buildings/construction area, new artificial area digitization from aerial photograph data and quick bird imagery. Land information management system under NLRMP, property tax mapping, unauthorized colony to authorized colony mapping. We use two certain temporal changes high resolution images at a time to find the new buildings etc. Verifying the output with third party source like Google images etc, and QA/QC.

**Project 3:**

**Name of the Project:**

**1-RAPDRP (Restructured Accelerated Power Development and Reforms Programme).**

**2-UADD (Urban Administration and Development Department-Madhya Pradesh).**

**3-SAC (Earth Observation Applications-Agriculture)**

**Scope of the Project:** To develop a very accurate and details electricity line distribution map generation, Satellite image interpretation Liss-III & Liss-IV.

**Name of the Client:** HCL, UADD, SAC.

**Project Responsibilities:**

1-R-APDRP is for urban areas- towns and a city with population of more than 30,000 (10,000 in case of special category states).The focus of R-APDRP is on actual, demonstrable performance in terms of sustained loss reduction. This is proposed to be achieved in two parts: Part A of the scheme envisages establishment of base line data which includes consumer indexing, GIS mapping and metering of distribution transformers and feeders and SCADA/DMS (Supervisory Control and Data Acquisition System/Data Management System) in project areas having a population of 4 lakh and annual input energy of 350 MU. This part of the scheme also includes IT applications for energy accounting/auditing and IT based consumer service. Part B of the scheme is for renovation, modernization and strengthening of distribution systems.

2-Property tax mapping, data collection from field in various formats, digitization the parcel, built-up area and other features.

3-Landuse and land cover (Agriculture) mapping in Rajasthan State using LISS-III & LISS-IV satellite imagery.

**Project 4:**

**Name of the Project: OSGB(Ordinance Survey of Great Britten).**

**Scope of the Project:** To develop a very accurate and details geospatial geographic information updation in MAIA database.

**Name of the Client:** Govt. of Great Britten.

**Project Responsibilities:** Spatial data editing by using updated orthophoto. Map panning, zooming and overview map controls, Map styling, including markers and vector overlays, Transformation of National Grid Coordinates to and from WGS84 latitude and longitude.

**Project 5:**

**Name of the Project: Mapping of malaria risk in the context of climate change in India.**

**Scope of the Project:** Create geographic information map all over India.

**Name of the Client:** Department of Science and Technology.

**Project Responsibilities:** Modis data creation, data extraction, rectification and land base map preparation. Also spatial data editing according to climate change in India of various years.

**Project 6:**

**Name of the Project: The khazan Project (British Petrolium), Sabah Sarawak Gas Pipeline Project (Malaysia), Paradip-Haldia-Barauni Pipeline Project, ADDCO (Oman), GASCO (Oman)**

**Scope of the Project:** To develop a very ac curate and detail Geo-spatial geographic Information all Over World.

**Name of the Client:** British Petrolium, Abu Dhabi Company for onshore oil Operation, Indian oil Corporation ltd.

**Project Responsibilities:** Data collection from field, data extraction, land base map generation and pipeline information based map preparation and geospatial data editing. Publishing data using pmapper and QGis server.

**Place:** New Delhi

**Date:** Chandan Maity