



## SUJOY KANTI BHATTACHARJEE

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### SYNOPSIS

A result oriented professional with **5.8 years** of various experience in Different Sectors.

### CAREER OBJECTIVE

A growing professional with extensive conceptual knowledge in Remote Sensing & GIS field. Seeking a position to utilize my skills, abilities and knowledge in the Geography, Urban Planning, Remote Sensing and GIS that offers professional growth while being resourceful, innovative.

### CAREER STATEMENT

I feel that my greatest strengths are my ability to have a clear understanding of the needs of my authority. Also my passion & satisfaction for being involved in Remote Sensing & GIS field. I have knowledge about the different types of Remote Sensing data and GIS base data, Satellite Image Pre-processing, Satellite image classification for different purposes and also satellite image handling; statistics based analysis & preparation of project report. Other-side, I am an effective Urban Planner with strong and good reasoning skills and also Office Management, Team Leading Skills.

### SNAPSHOT

- Conceptually strong with a logical approach to the work with an eye for detail.
- An open mind, with the ability to recognize, adjusts to change, and willingness to learn new things and new ways. Vibrant, energetic and focused with a high degree of versatility, creativity, commitment and optimism.
- Good technical knowledge of latest GIS software and tools
- Multilingual proficiency in English, Hindi & Bengali, with exceptional communication skills, verbal and written, with the ability to perform unmatched expectations.

### TECHNICAL FORTE

- ❖ Experience on GIS extensions like Spatial Analyst, Data Management tool, Network Analysis.
- ❖ ArcGIS operation and Extension, Georeferencing, Map digitization, Raster & Vector data conversion and reprojection
- ❖ Experience on Develop, maintain and update GIS databases as per requirements identified from Department, as required
- ❖ Experience on Develop and apply GIS analysis solutions to meet identified Department needs, as required
- ❖ Experience on Build and implement architecture for GIS in Department for regular GIS data updates and maintenance of the same to be used in GIS applications.
- ❖ To Prepare GIS databases, maps, database reports and specialized queries in support of various tasks and projects assigned by Department
- ❖ Clear understanding of RS/GIS & geography concepts like satellite imagery formats, multispectral imagery, Import, process and analyze satellite imagery for land classification, change detection accuracy assessment.
- ❖ Gather, analyze, and integrate spatial data from Department and other sources and determine how best the information can be displayed using GIS.
- ❖ Compile geographic data from a variety of sources including censuses, surveys, field observation, satellite imagery, aerial photographs and existing maps.
- ❖ Analyze spatial data for geographic statistics to incorporate into documents and reports.
- ❖ Perform GIS analysis, modelling and reporting to support administration decision-making.
- ❖ Experience in Office Management, Site Management, and Deployment of Technical Staff in different sites location as per the client requirements.
- ❖ Maintaining and forwarding to accounts along with bills with their outstanding balances.

### PROFESSIONAL SUMMARY

Sl No	Company	Industry	Designation	Period	Location	Project name
1	Aspiremax-Technologies-P-Ltd	GIS & Software Development Solutions (Contractual)	GIS & Remote Sensing Expert	April'18 - Nov'18	Surat, Gujarat	Develop & Update Land & Gas Features in GGL GIS Database
2	Anand Agricultural University	Department of Agricultural Meteorology (Contractual)	Junior Research Fellow	Aug'17 – April'18	Anand, Gujarat	SCATSAT - 1 Utilization Project on Rice Productivity from Scatsat-1 Data
3	ITBIN Management Services Pvt.Ltd	GIS & Management Services (Contractual)	Geo-informatics Trainer	Dec'16 – July'17	Lucknow, U.P	Teach in Diploma Course in Geoinformatics (GIS)
4	Kumaun University	Department of Geography (Contractual)	Junior Research Fellow	May'16 - Nov'16	Nainital, Uttarakhand	Development of the framework for Networking Programme on Village

						Information System (VIS)
5	West Bengal State Council of Science and Technology	Department of Science & Technology (Contractual)	Junior Research Fellow	Jan'16-April'16	Kolkata, West Bengal	SIS-DP (Space Based Information Support for decentralized Planning)
6	ADCC Infocad Limited	GIS & Engineering Services solutions (Contractual)	GIS Executive	Jan'15-Dec'15	Dehradun, Uttarakhand	R-APDRP (Re-Structured Accelerated Power Development and Reform Program)
7	University Institute of Technology	Educational (Contractual)	Guest Lecturer (Engineering Geology)	July'14-Dec'14	Burdwan, West Bengal	Teach in Engineering Geology Subject
8	Octagon Software Pvt.Ltd	GIS & ITeS Management Services (Contractual)	GIS Operator	May'11- July'12	Kolkata, West Bengal	Different Ad-Hoc Project

### ACADEMIC PROJECT DETAILS

**Thesis Title:** “Determination of runoff using Remote Sensing and GIS of Dwarkeswar basin in Bankura and Purulia district, West Bengal”.

**Objective of the project:**

- To study drainage Morphometry.
- To create land use / land cover map of the area.
- To determine the runoff of the basin.
- Remote sensing data analysis using ERDAS-Imagine and Arc-GIS to obtain input data sets for rainfall-runoff modeling.
- Rainfall-Runoff modeling using hydrological models with SCS-CN Method.
- Regression analysis to determine the empirical equation for determination of runoff.

### SCHOLASTICS

Course	Specialization	Institute	University/Board	Year	%age
M.Tech	Geoinformatics	Indian Institute of Engineering Science & Technology, Shibpur	IIST, Shibpur	2012-2014	58.32%
M. Sc	Geography	D.A.V College, Kanpur	Chhatrapati Sahuji Maharaj University	2009-2011	61.75%
B.Sc	Library & Information Science	Distance Education, Tamil Nadu	Vinayaka Mission University	2010-2011	70.50%
B.Sc	Geography (Hons)	Surendranath College, Kolkata	Calcutta University	2006-2009	46.38%
Intermediate	Arts	Durgapur Project Boys' High School	West Bengal Council of Higher Secondary Education	2004-2006	66.66%
Matriculation	General	Ondal Eastern Railway High School	West Bengal Board of Secondary Education	2002-2004	58.87%

### SOFTWARE SKILLS

- **Remote Sensing Software** : ERDAS Imagine, PCI Geomatica, ENVI
- **GIS Software** : ESRI ARC GIS and Extensions, ArcMap, QGIS
- **Statistical Software** : SPSS
- **Drafting Software** : AutoCAD
- **Operating System** : Windows XP, Windows 7, 8,8.1,10
- **Application Packages** : Microsoft Office 2007, 2010
- **MS- Office Tool** : MS-Word, MS-Excel, MS-PowerPoint, MS- Access
- **Other Packages** : Google Earth, Global Mapper, Pix4D.

### PERSONAL SNIPPET

- **Father's Name** : Mr. Ashes Nath Bhattacharjee
- **Date of Birth** : 02<sup>nd</sup> November, 1988
- **Gender** : Male
- **Marital Status** : Unmarried
- **Nationality** : Indian
- **Linguistic Abilities** : English, Hindi & Bengali
- **Category** : General
- **Permanent Address** : Lachhmanapur, Gangajalghati,Bankura -722133,WestBengal
- **Hobbies** : Reading Books, Listening to music, Net Surfing etc.
- **Passport No & Expiry Date** : Z4035603 & 19/02/2027

Place:

Signature

Date:

(Sujoy Kanti Bhattacharjee)