EXPERIENCE
(4 Yr. 7 Months)

Saumya Srivastava

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Education

- M.Sc. (GIS & Remote Sensing, 2018)
  74.9%
  Kumaun University, Nainital

- B.A. (Geography, 2016)
  72.5%
  BanarasHindu University

Skill Highlights

- Business Development

- Technical Support to Tender and Client, Prepare Methodology, Work Scope & Timeline

- Cold Calling

- Pre-Bid Meeting & Onsite Client Meeting arrangements

- Identify & research potential clients

- Power Point Presentation

- Team Management

- Tender Document Preparation

- Well verse in Eproc site, GeM & Offline tender Hunting

- Arc GIS Desktop

- Erdas Imagine

- QGIS

- R Language

- AutoCAD

- Google Earth Pro

INTERNATIONAL/NATIONAL CONFERENCE AND WORKSHOP

- **2018:** 29th North East India Geographical Society **Biennial Conference cum XI International Geographical Union** organized by B. Booroah College, Guwahati, Assam.
- **2017:** Presented a paper in **National Conference on Geoinformatics for Natural Resource Management** (IGU) Commission on **Suitable site for E- waste management in Asansol, West Bengal** organized by Department of Geography, Jamia Millia Islamia, New Delhi.
- **2017:** Training on "Microwave Radar Remote Sensing and its applications" conducted by IIRS Dehradun and ISRO(EDUSAT).

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1. **Azure Knowledge Corporation Pvt Ltd., Noida, Uttar Pradesh 10/22- Present**

   Executive - Pre Sales & Geo-Spatial Business Development

   Technical Support for the projects:
   - SPACE BASED INFORIYIATION SUPPORT FOR DECENTRALIZED PLANNIIIG- UPDATE (SISDP-UP) of 19 districts of Bihar State On behalf of the Government of Jharkhand, the Director, Jharkhand Space Applications Center (JSAC)
   - "Selection of Selected Vendor / Vendors / Agencies to generate new Cadastral Maps / Layers and Record of Rights (ROR) for un-surveyed Villages of the State of Odisha utilizing High-Definition Satellite Ortho Imagery, available digitized old Cadastral Maps of the adjoining villages / GIS cadastral layers and field survey using DGPS / ETS."
   - "Selection of Agency for Design, Development, Implementation of GIS based web portal & mobile application for Advertisement Hoarding Information Management System & associated survey"
   - "GIS Network Survey, Consumer Indexing, Pole Numbering Digitization, Migration and Edge matching of Land Base for TPNODL and TPSODL."

2. **NeoGeoinfo Technologies Pvt Ltd, Gurugram, Haryana 5/2022- 9/22**

   SeniorExecutive - Business Development Remote Sensing & GIS
   - Technical and Managerial Support for the ArcGIS product supply to Govt of Odisha, Educational Department.
   - Technical and Managerial Support to supply MAXAR imagery to GAIL
   - Technical and Managerial Support for the project "Development of Integrated MIS & GIS using Open-Source Technology, KELTRON"
   - Technical and Managerial Support for the project "GIS Data Create, Capture, Develop and Update Land & Gas Features in GGL GIS Database"

3. **Atom Aviation Services Pvt Ltd, Dwarka, New Delhi**

   Business Development Manager - Drone & GIS- 7/2021-4/2022
   - Technical and Managerial Support for the work "Empanelment of Agencies for Aerial Videography of NHAI Road Sections across India"
   - Technical and Managerial Support for the work "Topographical Survey of Pipelines, Indian Oil CorporationLimited, Digboi, Assam."
   - Technical and Managerial Support for the work "Southern Railway Govt. Project using Drone Aerial Mapping"
   - Technical and Managerial Support for the work 'Preparation of revenue drawing and topographical digital surveyof the university campus, Guru Angad Dev Veterinary and Animal Science University, Ludhiana, Punjab".
   - Client handling for with Moradabad Divisional Engineers and CRIS for the work ''Central Railway GovernmentProject using Drone Aerial Mapping''.

   GIS Executive - 4/2021-6/2021
   - Team Leader for the work "Contour mapping & Spot-level generation using AUTOCAD 3D for BIADA (Bihar Industrial Area Development Authority)."
   - Team Leader for the work ''Central Railway Government Project using Drone Aerial Mapping"

4. **District GIS Cell, Tehri, Garhwal, Uttarakhand (1 Year Contract Basis)**

   GIS Technician - 3/2020 to 3/2021
   - District Development Planning and Disaster Management
   - Mapping the delivery of utilities and planning for service interruptions.
   - COVID-19 zonal distribution and facilities mapping.
   - Door to Door garbage collection, analysis & route management using UAV data.

5. **Unique Technologies, Noida (6 Months Contract Basis, Work from Home)**

   GIS Analyst - 8/2019 to 2/2020
   - Integration of GIS data (storage, processing and analysis of spatial data) with SCADA (voltage, flow direction, bills, field monitoring in real-time) for better water supply management for tube wells under Ballia and Azamgarh Nagar Nigam

6. **Amnex Info technologies Pvt. Ltd, Ahmedabad**

   GIS Analyst - 10/2018 to 7/2019
   - Agricultural statistics analysis & Crop Classification, yield estimation, health monitoring using temporal satellitedata.

   - Time series crop mapping of Rabi, Zayed & Kharif Seasons of Gujarat 2018-19.

PUBLICATIONS
- "**GIS-based spatial distribution analysis of water quality assessment using water pollution index of Yamuna River at Delhi**" Science of Sustainable Systems Water, Land, and Forest Susceptibility and Sustainability, Volume I, ELSEVIER, ISBN 987-0-323-91880-0, https://doi.org/10.1016/B978-0-323-91880-0.00018-0
- "**Forest Fire Damage Assessment using GIS in Uttarakhand – A case study**" IOSR Journal of Applied Geology and Geophysics (IOSR-JAGG) e-ISSN: 2321– 0990, p-ISSN: 2321– 0982.Volume 8, Issue 4 Ser. II (Jul. – Aug. 2020), PP51-60
- "**COVID19 Lockdown has become a stairway of heaven fornature A case study of Delhi using geospatial technique**" in International Journal of Scientific & Engineering Research Volume11, Issue 8, August-2020, ISSN 2229-5518.

DISSERTATION PROJECTS
- 2017- **"Estimation of PM10 using geospatial technique over Dehradun city, Uttarakhand"**, *Departmentof Remote Sensing and GIS, Kumaun University.*
- 2018 - **"Soil Moisture Estimation using Landsat data and biophysical parameters on R studio platform",** Institute of Environmental and Sustainable Development, Banaras Hindu Central University.