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## RESUME

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### SAURABH MISHRA

M.Tech (RS&GIS)

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### Career objective

*Providing efficient value addition to the target organization while effectively upgrading self in the area of cutting edge technologies thus standing out as a brilliant resource person*

### Academic Projects:

- **M.Tech:** Development of crop type data base and yield modeling.
- **B.Tech:** Study And Modeling of Arc Shape Poly house with Digitally Control Environment.

### Employment Recital:

Trainee at Genesys International Corporation Ltd. (1 Aug'17 -15Jan'18)

BIT MESRA RANCHI Position at JRF (13 Mar'18-24 Sep'18)

GIS Expert at Quantum Asia Pvt Ltd (3 Oct'18 till Present)

### Educational Qualification:

Examination passed	Board/University	Year of passing	Result/Percentage (%)
M.Tech(RS&GIS )	SHUATS, Allahabad	2017	85.1
B.Tech (Ag)	AKTU, Lucknow	2015	72.4
Intermediate (10+2)	UP Board	2010	62.4
High School	UP Board	2008	47.1

### Summary of M.Tech Project :

#### Development of crop type database and yield modeling

- Field and satellite data wheat during the cropping period.
- Field survey using hand held GPS and farmer survey (water applied to the field and farm production)
- Satellite data processing: Top of atmospheric correction, dark pixel subtraction method and then calculate NDVI of different stages of growing period of wheat
- Compare our result with FAO previous work and field yield and give the suggestion to the farmer.

**Expertise/Works done so far**

- Satellite data processing viz., Radiometric/Geometric correction,
- Image processing for Land Use/land Cover mapping;
- Extensive field work to collect ground data.
- Database creation in GIS domain.
- Geospatial Analysis using raster and vector layers;
- Monitoring Change analysis using remote sensing Data.
- Modeling using satellite remote sensing and GIS.

**Software and Programming Skills**

Particulars	Area of skill
Remote Sensing and GIS	Arc GIS 10.4.1, ERDAS Imagine 9.4, ENVI 3.4, R (image processing)
Packages & Languages	MS Office,

**Conferences/Seminars/Workshops/Trainings**

1. Participated in National workshop on **"Techniques in Hyperspectral Data Analysis and Processing"** at BHU Varanasi, on 29<sup>th</sup> May – 3<sup>rd</sup> June 2017.
2. Training of 1 week on **"Introduction of digital photogrammetry"** at NRSC, Hyderabad.
3. Outreach Program at IIRS, Dehradun on Geospatial technology for urban planning from 11<sup>th</sup> February- 15<sup>th</sup> March 2016.
4. Third National Conference on River Basin: Ecosystem Crises and Water Scarcity 2016.
5. **B. Tech.:** NERFMTTI, Assam (Single cylinder engine, improve agriculture machinery and tractor, working principle, operation and maintenance of auto electrical system of a tractor)

**Personal Information**

**Date of Birth:** 11-07-93

**Nationality:** Indian

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