# KAMAL BISHT

**Professional Summary:**

I am passionate person about my work and I have 4 years of working experience in geospatial field with ESRI ArcGIS software and ERDAS IMAGINE 2014 for developing GIS databases, data creation and Digital Image processing & classification. Skilled in image interpretations using Digital Image Processing & Classification, GIS integration, analysis, GPS & DGPS technology.

I would like to be a part of such an organization that would provide me adequate challenges & opportunities to grow not only as a professional but also as a person while applying my knowledge, skills, experience, technical expertise & innovativeness towards the fulfillment of the goal of the organization

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## Education

- MSc. Remote Sensing and GIS, Kumaun University ,2016
- B.A Hons, (Geography) University of Delhi ,2014
- Intermediate (C.B.S.E) 2010
- High School (C.B.S.E) 2008

## Specialties

- POI data handling
- Geo-processing,
- Hydrological data Analyses
- GIS Data Visualization & conversion
- Field Surveying
- Team management, Operational and Strategic Planning.
- Creating Reporting and documentation

## Skills:

- GIS Software: Arc GIS 10.2, QGIS, Global Mapper, Map info.
- Image Processing: Erdas Imagine 2014, ENVI
- SQL, PostgresSQL, GeoServer 2.14,  Udig
- Microsoft Office: Excel, Word, PowerPoint
- Google Earth Engine
- Programming language: Python, Html

## Core Competencies:

- Project  Management
- Quality Management
- Sourcing Management
- Cross Functional Team Coordination

## ESRI Training / Certificate

- Going Place with Spatial Analysis,
- Python for Everyone,

### Work Experience:

**Organization**: Shaheed Bhagat Singh College, University of Delhi.

Post: **Research Assistant**

Project Title: Appraisal of Urban Growth Dynamics and Pollution using GIS Techniques along River Yamuna

- Land resource mapping along the river Yamuna through satellite images.

- Water quality mapping through GIS techniques

- Analysis Sinuosity index of the Yamuna River

- Drainage pattern analyses of Yamuna River

- Point data mapping

- Field survey and Report writing.

**Organization**: Shaheed Bhagat Singh College, University of Delhi

Post: **Associate Research**

Project Title: Carrying capacity assessment and Sustainable development plan for Agra city.

- Preparation of land use land cover maps and spatial analysis using modern software in GIS domain.
- Mapping the changing Land use pattern nearby Agra's monuments.
- Removing Topological error form geospatial data.
- Conversion excel data into GIS format, updating and maintain GIS database
- Cartography: Preparing density map of Hospital, Hotels through ArcGIS
- Field survey of Agra city through GPS.
- Prepare project reports and documentations

**Organization**: Here Solutions India Pvt. Ltd.

Post: **Associate Map Content,**

- Data Validation and Verification, Data Geometry Verification.
- Location solutions for various automotive clients.
- POI category classification management and verification.
- QA & QC using Arc GIS Tools, Developing and managing quality control procedures.
- Undertaking data analyses and data conversion.
- Updated point of interest of Top cities of India.

## Projects: During Academic periods:

**Organization:** Kumaun University, Nainital Uttarakhand, 2015

Project Title: Site Suitability for Water Tank (A case study of Naugon, Uttarakhand)

- Geo-referencing through Google earth and GPS point
- Creating road, canal (Nola) layer through GPS.
- Digitizing different Land use and land cover area of Naugon (Uttarakhand)
- Site suitability analysis through different layer in Arc GIS
- Report writing and documentation.
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**Organization**:- Shaheed Bhagat Singh College ,University of Delhi, 2014

Project Title:- Socio and Economic Impact of Tourism in Pachmari Madhya Pradesh

- Survey on impact of Tourism at Pachmarhi in Madhya Pradesh

## Internship:

**Organization**: - School of Planning and Architecture (SPA) Delhi, 2016

Project Title: - Can Master Planning control and regulate unban growth in Ranchi (India)

## Research Paper

- Estimation Of Land Surface Temperature Using LANDSAT DATA: A Case Study Of Agra City, India, Sharma Vishwa Raj, Bisht Kamal; International Journal of Advance Research, Ideas and Innovations in Technology,ISSN: 2454-132, Impact factor: 4.295, (Volume 5, Issue 2)

- Carrying Capacity Assessment And Sustainable Tourism Management In Agra City, Uttar Pradesh (India) Geojournal of Tourism and geosites, ISSN 2063-1198,E-ISSN 2065-0817.

| Volunteering: | Strengths: |
|---|---|
| HARITKRAM (Environment Society) 2013, University of Delhi | Self-Motivated and Dedication |
| Antardhvani (Cultural Festival) 2013, University of Delhi | Goal oriented, Hard working |
| Vasundhara (Gepgraphy Festival) 2013, University of Delhi | Flexible & Adoptable |
| Vasundhara (Geography Festival) 2014, University of Delhi | Positive approach & Professional attitude |