

Ranvir Singh



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**Current Location: Institute
For Spatial Planning And
Environmental Research,
Panchkula , Haryana, India**

Objective

I am looking for the position especially in the field of Remote Sensing & Geographic information system that will provide challenging projects and Opportunity for further carrier development. In-depth knowledge of GIS standards & techniques.

Professional Summary

- Overall 7+ years of experience in the field of Geographical Information System (GIS) & Remote Sensing applications.
- Expertise includes advanced satellite image processing, land cover mapping.
- Technical Skills in the Field Of Remote Sensing & GIS:
- Wellknown to ARCGIS(9.2,9.3,10,10.1,10.2 and 10.3), ERDAS(9.2,9.3, and 10), and Handset GPS device and Atlas.
- Strong Knowledge on DGPS, Google Earth, Global Mapper, Autocad, Adobe Photoshop, SQL and other web based applications.
- Knowledge in programming languages such as java script.
- Excellent communication and interpersonal skills.
- Ability to learn new languages, Quick in learning new technologies and tools quickly
- Highly organized, dedicated with a positive attitude and an “I can” outlook, Self-motivated, innovative, hardworking, dedicated, ability to relocate and flexible.

Education

- **M.sc. in Remote Sensing and GIS** ,University of Jammu,J&K,2012
- **Bachelor Degree in Geology** ,G.G.M science college under Jammu University, J&K,2009
- **SRML** ,Govt. Higher Secondary School,Jammu,J&K,2005
- **N.S.M High School** Jammu J&K,2003

Certifications

- **Remote Sensing, Geographical information System and Global Positioning System (IIRS)**, 4Oct.– 9 Dec., 2010
- **GIS-Application Development using Arc Objects (Geosys Enterprise Solution, Hyderabad)** , 10July– 7 Sept., 2013

WORK EXPERIENCE

- ❖ Currently working with **Institute For Spatial Planning And Environmental Research, Panchkula, Haryana, India-** Present.
GIS Analyst.
- ❖ Worked with **INNODATA INDIA PVT LTD Noida sec 62,** Oct 2013 –Aug 2018.
GIS SPECIALIST.
- ❖ Worked with **Wipro InfoTech Limited, Jammu (J&K),** August 2012 -June 2013.
GIS Engineer

WORK EXPERIENCE SUMMARY

Project 1: Amrut	(Atal Mission for Rejuvenation and Urban Transformation).
Client	: PMIDC
Project Duration	: Jan 2019 to present
Technologies	: Arc Map, Google Earth, AutoCAD , SAS Planet
Role	: Develop the GIS Data base by using Quick bird Images Prepare the existing detailed Land use Map based on Quick bird Satellite Imageries. Providing all the Drawing Files and other vector Layers generated on GIS Platform as per the approved formats of under Amrut (Atal Mission for Rejuvenation and Urban Transformation). Finalizing the Base map based on Cadastral maps, satellite imageries and Field. Survey for ground truthing of the Prepared Landuse.
Organization	: Isper(Institute of spatial planning and research , Panchkula)

Project 2: Geofacets

Client	: Geofacets Elsevier.
Project Duration	: October 2013 to Aug 2018.
Technologies	: Arc Map, Google Earth ,AutoCAD
Role	: Satellite Image Interpretation, Georeferencing and create Shapefiles.
Organization	: Innodata India Pvt. Ltd.,Noida/NCR.

Responsibilities:

- Satellite Image Interpretation
- Georeferencing of the images provided by client
- Production and QC

Project Description : Worked for Geofacets Project of Elsevier. Google Earth map-based browser and a text- based search tool to capture georeferenced data and images which can then be collated into an interpretation and geotagging of maps using Python scripting. Providing information of country, region, oil fields, basins, surface area, and bounding coordinates of the area of interest/ study area.

Project 3: R-APDRP

Client	: JKPDD .
Project Duration	: Aug 2012 to June 2013
Technologies	: Arc Map, Google Earth,AutoCAD
Role	: Mapping of HT & LT Network ,Quality Checking
Organization	: Wipro Infotech , Jammu

Responsibilities:

- Production and Quality check and Quality Assurance.
- Implementing & Co-ordination of day-to-day activities involved in the project assigned.

Project Description: R-APDRP.

Base map creation for the project area covering GISmapping & design electric network mapping , Distribution Transformers, create utility map feeder wise and consumer indexing. Automatic data logging for all distribution transformers and Feeders. Asset mapping of the entire distribution network and below the 11kv transformers and include the distribution Transformers and Feeders, High Tension Line, Low Tension lines, Poles and other distribution network equipment. Performed capacity building for GIS data maintenance.

- **M.Sc. Research Project, University of Jammu , J&K**

BIOMASS ESTIMATION OF THE RAM NAGAR FOREST DIVISION JAMMU.

- Also carried geological survey with GPS and other geological instruments along the NH-1A.
- Also handled LEICA GPS and well known to GPS technology, (Carried a GPS survey along
- National Highway NH-1A and inside Jammu university campus.)

- **M.Sc. Training**

Attended the EDUSAT based program on “Remote Sensing, Geographical Information System and Global Positioning System” organized by University of Jammu Coordinated by Indian Institute of Remote Sensing (IIRS), Dehradun and sponsored by NNRMS Department of Space, Govt. of India.

EXTRA CURRICULAR ACTIVITIES

- Star performer for the year 2015 at **Innodata India Pvt.Ltd.**

PERSONAL INFORMATION

- ❖ District-JAMMU
- ❖ Jammu & Kashmir,180002
- ❖ Date of Birth22-01-1987
- ❖ Marital Status: Married
- ❖ Languages : Dogri , English , Hindi ,Bhaderwahi , Kashmiri ,Punjabi.

Declaration

I, Ranvir Singh, hereby declare that the information furnished above is true and correct to the best of my knowledge and belief.

Ranvir Singh