

JITENDER SINGH

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GEOGRAPHICAL INFORMATION SYSTEMS (GIS) PROFESSIONAL

Seeking to a challenging full-time Career in the field of GIS for spatial analysis, management, planning, and modeling. In addition, I am willing to expand my knowledge, skills, and experience to any work in the field of GIS.

KEY SKILLS: Arc GIS, ArcFM, AutoCAD, Map Info, Quantum GIS, ERDAS Imagine 9.1, Utility Mapping, Network Designing and Analysis,

Technical Skills:

Image Processing Software
Software
Instruments and devices
Operating Systems

ERDAS Imagine 9.1
Arc GIS Desktop 9x, 10 x , ArcFM, QGIS, Map Info, AutoCAD
GPS, DGPS, Mirror Stereoscope
Windows XP, Windows 7, Vista, window 8

Professional Experience

ESRI India Technologies Ltd.

1st MARCH 2017-Till date

Senior Test Engineer with 5+ years of experience in GIS software solutions including designing, developing & implementing test cases and test procedures. Extensive professional experience in testing **Utility** (Electric, Water & Gas) domain software products

- Software product testing of Schneider Electric's ArcFM and Esri ArcGIS software products
- Expertise in desktop and web based GIS application testing & QA/QC
- Expertise in identifying defects and building test cases for GIS applications
- Direct interaction with client (Schneider Electric)/ on-shore product developers and QA teams

BSES Yamuna Power Ltd. (Reliance Infra Ltd.)

1st JUNE 2014 – 30th APRIL 2017

I was working as GIS Engineer to provide Technical Support and GIS analysis in **BSES Yamuna Power Ltd** from last **2 year and 9 month**. I got the opportunity to enhance and develop my skills.

- GIS Project coordination and team management.
- Feeder manger configuration of Electrical Network.
- QA/QC of GIS data base.
- Preparation of GIS and Electrical Distribution database for Electrical Utility using ARC FM.

- Change Management and Scheme Updating in GIS.
- Asset mapping of BYPL Electrical Network.
- Interaction with different users within organization.
- Providing GIS support to other Department within organization.
- Handle GIS related software to manipulate and quality data
- Diligently create maps tables charts and related graphics for reports presentation to efficient database.
- Installation and configuring computer and software like Arc 9x, 10x and Arc fm. Oracle client.
- Observed aerial images to identify and understand topographic data.

EDUCATIONAL CREDENTIALS

Master of Science (M.Sc.) **2014**

Specialization: Remote Sensing & GIS

Institute: Department Of Geography SSJ campus (Almora)

University: Kumaun University (Nainital) Uttarakhand.

Grade: 74.4% (First Class)

Honours in Geography **2012**

Specialization: Geography

Institute: Shaheed Bhagat Singh College

University: University of Delhi

Grade: 61.25% (First Class)

Intermediate

Institute: R.P.V.V ShamnathMarg

2009

Grade: 72.1% (First Class)

High School

Institute: R.P.V.V ShamnathMarg

2007

Projects Undertaken

1. "Feeder Manager Configuration of Electric Network"

(6 Month Internship from BSES Yamuna Power LTD.)

Research Objective: Creating Electrical Network in GIS. And Implement feeder manager configuration in ARC FM and how we can efficiently manage utility Operations.

In this research I founded the electrical network is a highly complex one, involving a lot of minute details, and assumptions but we can also visualize, and make further recommendations. With the help of feeder manager configuration, we can understand the electrical network in detail and which are the areas been feed by a particular feeder. This can help us, to predict the area which will be affected, in the event of a blackout, or power failure.

Research Supervisors: Mr. Samir Banger Dy. General Manager BSES Yamuna Power Limited

1. "Landscape Dynamics of CHENNAI Municipal Area "

Research Objective: In this research of Landscape Change of CHENNAI Municipal Area. We found the impact of increasing built-up on vegetation. We got the urban expansion and land Transformation, Spatial pattern of urban sprawl, We measure urban sprawl by using "Shannon Entropy", Landscape Matrices, Land use Land Cover Status of Chennai Municipal Area.

Research Supervisors: Dr. Manish Kumar lecturer, Dept. of Geography Kumaun University SSJ Campus Almora

Tools used: ERDAS Imagine, and ARC GIS

Research Exposure

- Paper presented in National Seminar on GIS EDUCATION and the topic of presentation was "Curriculum of GIS at School Level in India" on dated 30th November 2013 which was organized by COE for NRDMS in Uttarakhand, Almora and Academic Staff College, Nainital under UCOST.
- Attended an international seminar on "GEO-ENABLING UTTRAKHAND: Opportunities and the Way Forward" dated 30th November, 2012 at INDIAN INSTITUTE OF REMOTE SENSING, DEHRADUN (organized by FICCI).

Personal Details

Name:	JITENDER SINGH
Father's Name:	Mr. JAIPAL SINGH
Date of Birth:	12 th August 1991
Nationality:	Indian
Language Known:	English, Hindi
Passport No:	M0717836

Declaration

I hereby declare that all the information mentioned in my curriculum vitae is true and complete according to best of my knowledge.

JITENDER SINGH