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## Pulkit Dwivedi

### Deputy Manager GIS

#### Personal summary

**Nationality:** Indian

**Languages:**

- English
- Hindi
- Gujarati

**Academic Qualifications:**

- PGD RS & GIS
- Master in Geography

**Years of Experience:**

- 8.4

**Key skills:**

- Basic GIS architecture(desktop and web).
- IGIS
- Spatial, Spectral and Temporal Data understanding.
- Satellite Image Processing and classification.
- Model Building
- Global Mapper
- Google Earth
- ArcGIS desktop
- Photogrammetry Software(Trimble Inpho DT master)
- QGIS
- Erdas imagine
- AutoCAD
- Arc GIS Pro

I have more than 8 years of experience in application of GIS data base creation, analysis and remote sensing. I has worked on various projects related to urban planning, environmental impact assessment, land use/land cover analysis, tourism information system, mapping of water inundation system.

#### Professional preface

- Very good functional and technical knowledge Of Remote sensing & GIS.
- Very good communication, analytical, relationship management and problem-solving skills.
- Well versed with the CAD tools, their capabilities and compatibility with different solutions and application

#### Experience and skills

Currently working as a Deputy Manager GIS at SKP Projects Pvt. Ltd. and having good knowledge of GIS Mapping and Remote Sensing. Have knowledge in preparation of master plans, land use mapping, and thematic maps.

#### Employers in last 6 years

##### SKP Projects Pvt. Ltd., Vadodara, Gujarat

Deputy Manager GIS

#### Job Profile

- Deputy Manager GIS- Responsible for GIS based data output, Monitoring Project Coordinator with Department,
- Project planning, Production planning, prepare project process flow chart.
- Maintain quality records of the project. Responsible for inspecting and control the quality of the output of overall project.
- Translate documents from client if require.
- Create file wise daily , weekly , monthly, status and maintain for the project
- Maintain quality records of the project. Responsible for inspecting and control the quality of the output of overall project.
- Deliver data to client
- Look after the project in absence of Sr. Project Manager.
- Communicate with client for project related issues.

#### Project Worked On

**Project** - Resurvey Project of Bhavnagar Gujarat:

**Client** - Settlement Commissioner And Director Of Land Record Department Gujarat Govt

**Project profile** - Team leading , Monitoring , Quality checking, Data modification, Responsible for GIS data conversion from CAD to GIS , Formation attribute table, Coordinate with department for issues and Data handover.

**Project** - ASPL (Angul to Srikakulam)

**Client** - GAIL India Limited

**Project profile** - It's a gas pipeline project, using HRSI images with 0.5 meter resolution. Linear length 420km.

**Description** - My role is to digitize the break line as per terrain and correction of auto generated mass point using Trimble inpho version 8 , Then generate contour and its correction, generation of DEM (Digital Elevation Model) and ortho rectify images.

**Project** - BGPL (Barauni to Guwahati)

**Client** - GAIL India Limited

**Project profile** - It's a gas pipeline project, using HRSI images with 0.5 meter resolution. Linear length 72 km.

**Project** - Kota chittorgarh

**Client** - GAIL India Limited

**Project profile** - It's a gas pipeline project, using HRSI images with 0.5 meter resolution. Linear length 180km.

**Description** - My role is to digitize the break line as per terrain and correction of auto generated mass point using Trimble inpho version 8, Then generate contour and its correction, generation of DEM (Digital Elevation Model) and ortho rectify images.

**Project** - UGPL (Unnao to Gorakhpur pipeline)

**Client**- IHB Ltd.

**Project profile** - It's a gas pipeline project, Linear length 524 km.

**Description** - My role is maintained all GIS data. Data conservation and cleaning to non spatial data into its desired form. Creation of topology and attaching attribution, Georeferencing, etc. Creating Geo-database, Feature Class, and Shape file along with attribution to perform overlay analysis.

**Project** - DBPL (Dumand to Bhopal Pipeline)

**Client**- IHB Ltd.

**Project profile** - It's a gas pipeline project. Linear length 549 km.

**Description** - My role is maintained all GIS data. Data conservation and cleaning to non spatial data into its desired form. Creation of topology and attaching attribution, Georeferencing, etc. Creating Geo-database, Feature Class, and Shape file along with attribution to perform overlay analysis.

**Project** - HCPL (Hassan to Cherlapally )

**Client**- HPCL.

**Project profile** - It's a gas pipeline project. Linear length 680 km.

**Description** - My role is maintained all GIS data. Data conservation and cleaning to non spatial data into its desired form. Creation of topology and attaching attribution, Georeferencing, etc. Creating Geo-database, Feature Class, and Shape file along with attribution to perform overlay analysis.

#### **Dissertation work**

**CEPT University, Ahmedabad (Dec.-2013 to March-2014)**

distribution of urban location by using a Shannon Entropy and Geospatial Technology".

#### **Conference attended**

**National Conference** environmental degradation issues and challenges  
9<sup>th</sup> and 10<sup>th</sup> December 2011 B.S.R. Govt. Arts College Alwar (Rajasthan.)

**National Conference** of Indian Institute of Geomorphologists (IGI) Upgrading Technologies and Degrading Earth's Environment ; Reality or Myth 22<sup>nd</sup> to 24<sup>th</sup> December 2012. University of Allahbaad (Uttar Pradesh).

#### **Area of interest**

Urban Modeling using GIS and Remote Sensing, GIS and Remote Sensing  
Application in Environment Management, Water Resources Management

Pulkit Dwivedi