

# PIYUSH KUMAR DUTTA YADAV

ASSISTANT ENGINEER

+91 8770179950

Piyushdutta1995@gmail.com

<https://www.linkedin.com/in/piyushdutta10>

H. no. 1406, Lalmati, Dwarkanagar,  
Kachiyana, Jabalpur (M.P) 482001

## SYNOPSIS

I am a seasoned professional, graduated in Mechanical Engineering with experience in GIS. Working on the SVAMITVA Project for the government of India. I want to lead a challenging career based on my experience in Geoinformatics and Remote Sensing, where I can contribute my skills and diligence towards the growth of the organization as well as my professional growth.

## EDUCATION

### Bachelor of Engineering, Mechanical

Gyan Ganga Institute of Technology and Sciences,  
Jabalpur

2013 - 2017

6.79/10 CGPA

## SKILLS

ArcGIS  
QGIS  
AutoCAD  
Solidworks  
C & C++  
MS Office  
Google Earth

## LANGUAGES

### English

Full Professional Proficiency

### Hindi

Native Language

## EXPERIENCE

### Assistant Engineer

July 2021 - Present

Madhya Pradesh Geo Spatial Data Centre, Survey of India, Jabalpur  
Brain Bridge Technical Center LLP.

- Digitization and feature extraction of villages where the input data is in the form of processed orthomosaic drone images of the villages in the form of a geoTIFF file.
- Filling and updating all the attribute data and applying attribute queries as and when required.
- To check and rectify topological errors in vector data.
- Creation of final map by applying different vector layers and using different shape files and exporting the data into PDFs.
- Converting the raster data i.e., processed orthomosaic images of villages into Tile Package Files with the help of XML files. So, it can be integrated into WebGIS and mobile applications used by State Govt.
- Georeferencing of geoTIFF scanned images of cadastral maps of villages which officials of the state govt use for ground truthing. And using it as input data for updating maps.
- Validation of geodatabase files so they can be uploaded to servers.

## CERTIFICATION

- Basics of Remote sensing, Geographic information system, Global Navigation Satellite System, and their applications.  
*Indian Institute of Remote Sensing, Dehradun.*
- Certifications in Solid Works.  
*Design Cluster, Indore.*
- Certification in AutoCAD  
*E CADD Services, Durg*

## TRAINING

- Vocational Training in Mechanical maintenance and production.  
*Vehicle Factory Jabalpur.*
- Training on CNC Turning operations.  
*Indo-German Tool Room, Indore.*

## PROJECT

- Study of dry sliding wear behaviour of HVOF sprayed WC-12Co, WC-10Co-4Cr, metal composite coating.