

VISHNUDASAN S

DOB: 26-01-1996

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-604202, Villupuram Distric, Tamil Nadu.

General: Male
Marital Status: Single
Nationality: Indian

SUMMARY

Diligent GIS Lidar Analyst experience with Bentley software for GIS databases and experience with proven track record of over 6 years in GIS domain involving in creation, data editing.

EMPLOYMENT HISTORY

Geospatial Lidar Analyst - EDR Continuous Information Private Limited

Chennai, Tamil Nadu

March 2018 - December 2021

- classification of LiDAR datasets.
- Derivation of terrain and contour information. QA and QC on LiDAR data.
- Data Annotation.
- Interpretation of client deliverable requirements and synthesis of relevant deliverables.
- Coordinate system transformations.

Geospatial Lidar Analyst - Magnasoft Consulting India Pvt. Ltd.

Bengaluru, Karnataka

January 2022 - June 2023

- Dateclassification of LiDAR datasets.
- Derivation of terrain and contour information. QA and Final on LiDAR data.
- Quality reports for customers.
- Interpretation of client deliverable requirements and synthesis of relevant deliverables.
- Data Annotation.
- Team Handling.

Senior Lidar Enginner - LTIMintree Information technology company

Chennai, Tamil Nadu

June 2023- TILL

- Create DTM and DSM.
- Editing Orthophoto ratification.
- Ground Control Point (GCP) Survey, Image Processing, True Orthophoto Generation.
- Derivation of terrain and contour information. QA and Final on True Ortho data.
- Quality reports and delivery to customers.

EDUCATION

Al Hilal Matric Hr Sec School - First School Leaving Certificate (FSLC)

(Primary Education)

Gingee, Tamil Nadu.

June 2010 - April 2011

St. Michael's Matric Hr Sec School - Senior Secondary School Certificate (SSCE)

(Secondary Education)

Gingee, Tamil Nadu.

June 2012 - April 2013

Thiruvalluvar College Of Engineering And Technology - Bachelor Of Engineering

(Mechanical Engineering)

Vandavasi, Tamil Nadu.

July 2013 - August 2017

Besant Technology in Chennai - Full stack with python Training

Chennai, Tamil Nadu

November 2022 to March 2023

SKILLS

- ❖ Bently Microstation Connect
- ❖ Bently Microstation V8
- ❖ Global Mapper
- ❖ PIX4D
- ❖ Aigsoft
- ❖ Arcgis
- ❖ Phylosis Data Annotation
- ❖ HTML
- ❖ CSS
- ❖ Javascript
- ❖ React & Redux
- ❖ Node JS
- ❖ SQL
- ❖ Python
- ❖ MS- Office
- ❖ MS- Excel
- ❖ Adobe photoshop

PROJECT 1:

❖ POWER LINES

DESCRIPTION: The main objective of the project is to be captured and Advance classification the Transmission/ Distribution lines and Towers with its specified category and also other features like Roads, Building, Bridges, Temp features and Permanent features with its category as per clients need.

PROJECT 2:

❖ GROUND CLASSIFICATION

DESCRIPTION: The main Objective of the Project is to be Restore and clear the ground for generating DTM (Digital Terrain Model), DEM (Digital Elevation Model), TIN (Triangulated Inverse Network) and also Digitize the features like Ponds, Lake, River etc. with its corresponding Elevation, Slope lines along with Contour mapping as per clients need.

PROJECT 3:

❖ ADVANCED CLASSIFICATION

DESCRIPTION: The main Objective of the Project is to classify Buildings and also other features like Bridges, Temp Features and Permanent Features per clients need.

PROJECT 4:

❖ 2D & 3D MAPPING

DESCRIPTION: The main objective of the project is to extract all Planimetric and Aerial features like Road, Driveway, Building, Sidewalk, Manhole, Signboard, ETC..., with its corresponding Elevation, Slope lines of the area both in 2D as well in 3D as per clients need.

PROJECT 5:

❖ PHOTOGRAMMETRY TRUE ORTHOPHOTO

DESCRIPTION:

1. **Orthorectification:** Utilizes digital elevation models (DEMs) to correct for terrain relief, ensuring that each pixel in the image represents a consistent ground area.
2. **Absence of Perspective Distortion:** Eliminates the visual effect of perspective, providing a top-down view where objects are represented in their true shape and size.
3. **Geometric Accuracy:** Achieves high positional accuracy, typically within a few centimeters, which is crucial for applications such as engineering surveys, urban planning, and cadastral mapping.
4. **Consistent Scale:** Maintains uniform scale across the entire image, facilitating precise measurements of distances, areas, and feature

PROJECT WORKRD

- ❖ Power Line Classification (Transmission, Distribution with Catenary and Point of Attachments).
- ❖ DTM & DSM Classification (ALS, MLS & TLS) DEM & Contour Generation
Hydro Flattening.
- ❖ 2D Mapping (ALS, MLS, TLS, Ortho Imagery) 3D Mapping (ALS, MLS, TLS & UAV).
- ❖ Data Annotation using phylosis annotation Software.

Place :
Date:

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