



## MUHAIMIN

Mataram, West Nusa Tenggara

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🌐 <https://bit.ly/PortofolioMuhaimin>

## PROFILE SUMMARY

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- A graduate of Geodetic Engineering from Diponegoro University, specializing in Geographic Information Systems (GIS).
- Experienced as a Surveyor and Junior GIS Analyst at KJSB Muliawan, with expertise in geospatial analysis, mapping, and spatial data management to support strategic projects.
- Proficient in modern surveying technologies, including data processing from Geodetic GPS and GIS software, to produce accurate maps and analyses.
- Committed to continuous learning through online training focused on spatial data processing, map analysis, and GIS technology implementation.
- Equipped to deliver innovative solutions in surveying and GIS, leveraging strong technical skills and extensive field experience.

## WORK EXPERIENCE

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### KJSB Muliawan (*Freelance*)

February 2024 - Present

#### *Surveyor & Junior GIS Analyst*

- Conducted topographic surveys using Geodetic GPS.
- Performed land boundary measurements using Geodetic GPS.
- Manage and process spatial data required for each project using GIS software.
- Responsible as a **GIS Operator** for the Customer Location Data Validation project at PT. Air Minum Giri Menang (Persoda), based on the coordinates of meter locations.

### BPBD West Nusa Tenggara Province

January – March 2023

#### Internship

- Analyzed and mapped flood-prone areas using a Geographic Information System (GIS) approach with overlay methodology.

### CV Satrio Adi Nugroho

November 2022

#### Survey Assistant / Freelance

- Conducted elevation measurements at Tanjung Emas Port, Semarang, using a Waterpass.

## EDUCATION

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### Bachelor's Degree in Geodetic Engineering

Diponegoro University, Semarang, Indonesia

August 2019 – December 2023 | GPA : 3.19

#### Final Project :

- Title: "Development of a Geographic Information System for Presenting a Web-Based Map of the Tambora Mountain Trekking Route."
- Developed a WebGIS to provide a web-based trekking route map, accessible at: <https://pendakiantambora.vercel.app/>.

## TECHNICAL SKILLS

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- **GIS software:** (QGIS, ArcGIS, PostGIS)
- Spatial analysis and geographic data processing
- **Survey tools:** (Total Station, GPS Geodetik, Theodolite, Waterpass)
- **Microsoft Office:** (Word, Excel, PowerPoint)

## TRAINING

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- Basic GIS and Spatial Data Processing in Mining / **Engineering Academy**
- Occupational Health and Safety in Mining / **PT. Wealthindo Putraprarnesti Perkasa**
- QGIS Molusce x InVEST Plugin for Carbon Storage Calculation and Future Prediction / **Geoaccess Indonesia**
- GNSS Theory and Processing for Positioning / **Geosensei**
- Aerial Photo Processing for Digital Elevation Model (DEM) and Orthophoto Creation / **Aksara Collaborative Surveying**