# DIMAS PERCEKA

## GIS | REMOTE SENSING

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## PROFILE SUMMARY

I have 5 years experience in GIS and Remote Sensing. In my last project, I manage development and implementation of software to facilitate the control and collecting of data mapping, inspection, quantity performance, schedule performance, support the design and development of GIS component, dataservice, and support capacity planning to accommodate new/emerging GIS technologies to meet Customer need.

## REFFERENCE

- **Wikha Jily Fary [GIS Developer Lead at Koltiva]**
  Email : wikha.jily@koltiva.com
- **Benita Nathania [Senior Researcher Lead at WRI]**
  Email : benita.nathania@wri.org

## EDUCATION

**Geomatics Engineering [Master of Engineering]**                2018 – 2021
Universitas Gadjah Mada, Yogyakarta Indonesia
Master Thesis Title : Development of Spatial Web Based
Agricultural Irrigation Management Information System

**Soil Science [Bachelor Degree]**                2012 – 2012
Universitas Gadjah Mada, Yogyakarta Indonesia
Lorem Bachelor Thesis : Labile and Stable Fraction of Carbon in
Different Landuse

## WORK EXPERIENCE

**Remote Sensing and Climate Lead**                January, 2022 – Now
**Koltiva AG, Jakarta Indonesia**
- Develop and manage remote sensing projects that contribute to climate change analysis and environmental monitoring.
- Collaborate with cross-functional teams including data scientists, GIS specialists, and environmental experts to design and implement innovative climate solutions.
- Provide expert analysis on remote sensing data to inform policy making and strategic environmental planning.
- Lead the integration of remote sensing data with climate models to predict and assess environmental changes and impacts.
- Ensure compliance with all relevant environmental regulations and standards

**GIS Developer**                                    March, 2019– January, 2021
**World Resources Institute, Jakarta Indonesia**
- Work directly with Product Owners to translate business needs to technical requirements and specifications
- Work closely with stakeholders and provide the deliverables with high quality of standards
- Develop, test, and deploy automated prioritization script
- Participates in the design, development and implementation of complex applications
- As needed, coordinated with existing team of sustainable commodities researchers

**GIS Developer**                                    March, 2017– January, 2019
**Center of Agroecology and Land Resources, Yogyakarta**
- Project for Connectivity of Protected Areas and Peat Ecosystem Cultivation in Central Kalimantan
- Perform data capture and analysis for GIS product
- Support in designing and creating the geospatial database
- Perform data capture and analysis for GIS product
- Project for Inventarisation of Peat Ecosystem Cultivation in Lamandau, Central Kalimantan
- Participates in the design, development and implementation of complex applications
- As needed, coordinated with existing team of sustainable commodities researchers

**GIS Specialist [By Project]**                      July, 2016 – February, 2017
**Waindo Specterra**
- Survey of chemical, biological and physical characteristics of soil for Land System in East and South Kalimantan
- Perform data capture and analysis for GIS product
- Support in designing and creating the geospatial database

**GIS Specialist [By Project]**                      January, 2016 – July, 2016
**Agricola Nusantara Baramineral**
- Project for Technical Feasibility Study on Industrial Scale Vaname Shrimp Farming in Lingga Islands, Riau
- Manage geospatial database and develop maps and aerial photogrammetry
- Perform data capture and analysis for GIS product
- Support in designing and creating the geospatial database
- Oversee data flow, management, and distribution activities to support GIS

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## CERTIFICATE

- **sUAS Remote Pilot**                              March, 2020  – June, 2020
  Direktorat Kelaikudaraan dan Pengoperasian Pesawat Udara

- **National UAV Photogrammetry of 3D Model Reconstruction**    March, 2020  – June, 2020
  Geomatics Engineering, National Cheng Kung University, Taiwan

- **Interactivity with Javascript and Python**                  January, 2020
  Michigan University, United States

# TECHNICAL SKILL

- **GIS Software**
  ArcGIS Pro **|** ArcGIS City Engine **|** Quantum GIS

- **Remote Sensing Software**
  ENVI **|** ENVI LiDAR **|** IDRISI **|** ERDAS **|** SAGA GIS **|** Global Mapper

- **Cloud Processing**
  Google Earth Engine **|** Kaggle **|** Google Colab

- **CAD Software**
  Autocad **|** Autocad Map **|** Autodesk Revit

- **3D Modelling Software**
  Agisoft Metashape

- **Programming Language**
  Python **|** Javascript **|** HTML **|** CSS | PHP

- **Database Management System**
  PostgreSQL **|** MySQL **|** MongoDB