



PT Geo Anfa Spasial
HIGH PRECISION GEOSPATIAL SOLUTIONS

GEOSPATIAL CONSULTANCY

COMPANY PROFILE

📅 2026 Edition

Your geospatial delivery partner from Semarang City, Central Java: spatial analysis, data processing, remote sensing, survey & mapping with our field partners, through to WebGIS, Geoportals, and Digital Twins.

13

CASE STUDIES

8

GEOSPATIAL SERVICES

2D/3D

WEBGIS & DIGITAL TWIN

100%

CLIENT-OWNED DATA

🛡️ **NIB** 2404260126307

🛡️ **NPWP** 1000000009388501

👤 Registered with Kemenkumham RI



Free consultation via WhatsApp
+62 857-9657-7160

Full case studies & services
🌐 **geoanfaspasial.com**



ABOUT US

PT GEO ANFA SPASIAL

A legally registered (PT) geospatial consultancy based in Semarang City, Central Java. We deliver spatial analysis, data processing, remote sensing, surveying and mapping with field partners, through to WebGIS, OGC Geoportals, and Digital Twin Cities.

You can hand over a single job — one analysis or one map set — make us **the GIS team behind your project**, or entrust a complete project from field survey to a ready-to-use system. All data, methods, and source code we produce remain yours.



CORPORATE STATUS

- ✓ Limited liability company (PT) — registered with Kemenkumham RI
- ✓ Core team with Geodetic & Geomatics Engineering backgrounds (UNDIP, UGM)
- ✓ Backed by a partner network for terrestrial, aerial & remote-sensing surveys
- ✓ All data, methods, and source code handed over to the client



VISION

To be a trusted geospatial partner that turns spatial data into sound decisions — from the field to digital platforms.



MISSION

- 1 Deliver geospatial analysis and data processing with documented, defensible methods.
- 2 Build lightweight, self-hosted WebGIS, geoportals, and digital twins fully owned by the client.
- 3 Be the dependable geospatial team behind consultants, contractors, and agencies.
- 4 Unite field surveys, processing, and systems under one roof with our partner network.





CORE VALUES

THE VALUES WE UPHOLD



PRECISION

Accuracy is tested and reported — never assumed.



TRANSPARENCY

Methods, data sources, and costs explained openly from the start.



CLIENT OWNERSHIP

Data, source code, and documentation handed over in full.



RESPONSIVE

Fast WhatsApp consultation and regular progress reports.

SECTORS WE SERVE

SECTORS WE SERVE



GOVERNMENT & VILLAGES

Spatial planning, assets, hazards, one-data



PLANTATIONS & FORESTRY

Estate blocks, land cover, crop condition



MINING & ENERGY

Topography, volumes, land monitoring



INFRASTRUCTURE & CONSTRUCTION

Corridors, contours, map-based progress



CONSULTANTS & STUDIES

Appendix maps, analysis, environmental documents



PROPERTY & URBAN

Site analysis, digital twins, estate assets





OUR SERVICES

GIS & GEOSPATIAL SERVICES: ANALYSIS, SURVEYS, AND WEBGIS



WEBGIS DEVELOPMENT

We build custom, standalone, and responsive web mapping platforms (WebGIS) focused on real functionality without overloading your server architecture.

geoanfaspasial.com/en/layanan/webgis-development



GEOSPATIAL ANALYSIS

Send us your question and your data — we run the analysis, from land suitability and disaster risk to site selection, delivered with thematic maps, tables, and a defensible...

geoanfaspasial.com/en/layanan/analisis-geospasial



SPATIAL DATA PROCESSING

From paper maps, CAD drawings, and spreadsheets to scattered survey data — we turn it into clean, consistent GIS data ready for analysis, printing, or display in a WebGIS.

geoanfaspasial.com/en/layanan/integrasi-data-spasial



REMOTE SENSING

Monitor large areas without visiting every corner: land cover, year-to-year change, vegetation condition, and flood extent — processed from satellite imagery with clear...

geoanfaspasial.com/en/layanan/penginderaan-jauh



SURVEYING & MAPPING

Need field data and its processing in one go? We coordinate surveys with our field partners, then process the data ourselves into maps, 3D models, analysis, or a WebGIS — you...

geoanfaspasial.com/en/layanan/survei-pemetaan



GIS PROJECT SUPPORT

For consultants, contractors, agencies, and companies running a project: we become the geospatial team behind you — handling data processing, analysis, maps, WebGIS...

geoanfaspasial.com/en/layanan/support-proyek-geospasial



GEOPORTAL OGC

Manage and publish large-scale spatial data through interoperable, OGC-standard geoportals (WMS/WFS/WMTS) ready to connect with other systems.

geoanfaspasial.com/en/layanan/geoportal-ogc



DIGITAL TWIN CITY

Build an accurate 3D digital twin of your city or area — combining city models, photogrammetry, and point clouds in a single web platform.

geoanfaspasial.com/en/layanan/digital-twin-city





HOW WE CAN WORK TOGETHER

HAND OVER A PART, OR THE WHOLE PROJECT

Whatever the geospatial job — choose the engagement that fits your project best.



PER JOB

SEND DATA, GET RESULTS

One analysis, one map set, one database — clear scope, fixed price.

- ✓ Spatial analysis & thematic maps
- ✓ Digitising, conversion & data cleaning
- ✓ Satellite imagery processing



PROJECT SUPPORT

THE GIS TEAM BEHIND YOU

For consultants, contractors, and agencies short of hands before a deadline.

- ✓ WebGIS, geoportal & digital twin as a subcontractor
- ✓ Per package or per month
- ✓ White-label & NDA available



TURNKEY

FROM FIELD TO SYSTEM

Terrestrial, aerial, and remote-sensing surveys with our partners — then processed by us to completion.

- ✓ Survey & data acquisition
- ✓ Processing, analysis & quality control
- ✓ WebGIS/geoportal, training & handover

SCOPE OF WORK

GEOSPATIAL ANALYSIS, WHATEVER THE TYPE

Examples of what is requested most. Not on the list? Tell us your question — we will propose the method.

Land suitability

Hazard & disaster risk

Watershed & hydrology

Land cover & change

Site selection

Accessibility & road networks

Slope, contours & DEM

Cut & fill volumes

Spatial plan conformity

Vegetation indices (NDVI)

Distribution & density (hotspots)

Asset & parcel inventory

Map digitising & georeferencing

Thematic maps & report layouts

TECHNOLOGY & TOOLS

Laravel

PostgreSQL

PostGIS

GeoServer

Leaflet.js

CesiumJS

MySQL 8+

Python

QGIS

Mapbox GL

3D Gaussian Splatting

ArcGIS Pro

Google Earth Engine

GDAL / OGR

Sentinel & Landsat





HOW WE WORK

A STRUCTURED PROCESS

From the field and raw data to maps, reports, or a web platform — every step transparent and documented.



TRUSTED BY

CLIENTS & PROJECT PARTNERS

Kab. Bojonegoro Regency Government	Kab. Ngawi Regency Government	Desa Trasan, Klaten Village Government
Desa Karangwuni, Kulon Progo Village Government	PT JIEP Industrial Estate	PT Sapta Sentosa Jaya Abadi Plantation

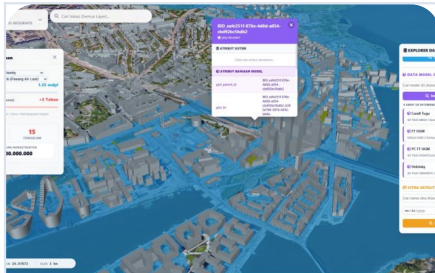




OUR PORTFOLIO

GIS & WEBGIS PORTFOLIO: CASE STUDIES

Geographic information systems, geoportals, and Digital Twins we have built for villages, agencies, and companies — proof that we can turn data into systems used every day.

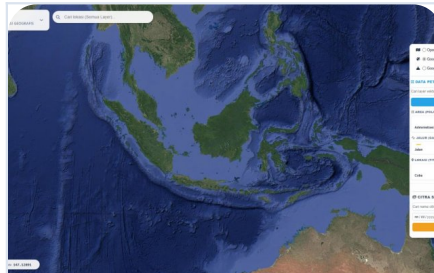


DIGITAL TWIN CITY

DIGITAL TWIN CITY 3D

A Digital Twin prototype combining CityGML/CityJSON with 3D Tiles (photogrammetry, point clouds) and individual 3D models in one web...

CesiumJS · 3D Tiles · CityGML/CityJSON · Photogrammetry



GEOPORTAL OGC

GEOSERVER GEOPORTAL WEBGIS (OGC)

A geoportal-scale, OGC-standard WebGIS (WMS/WFS) for massive spatial data and time-series raster management.

GeoServer · WMS/WFS · PostGIS · Leaflet.js



WEBGIS DEVELOPMENT

ENTERPRISE SUB-DISTRICT WEBGIS BOJONEGORO

An enterprise-level GIS with a Bojonegoro sub-district case study, integrating district government programs (GAYATRI & BKK).

Laravel · PostGIS · Leaflet.js · MySQL



WEBGIS DEVELOPMENT

SMART PLANTATION WEBGIS

A comprehensive geospatial portal for plantation management: auto GeoJSON import, tiered roles, and per-block field documentation.

Laravel · PostGIS · Leaflet.js · GeoJSON

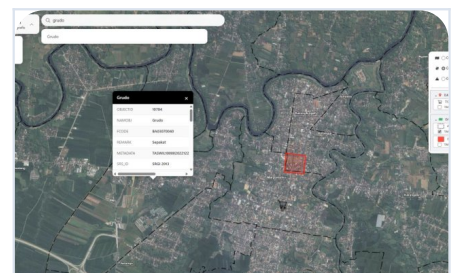


WEBGIS DEVELOPMENT

SMART VILLAGE WEBGIS

A Smart Village platform combining spatial data management (parcels, infrastructure) with digital administration for automated resident...

Laravel · PostGIS · Leaflet.js



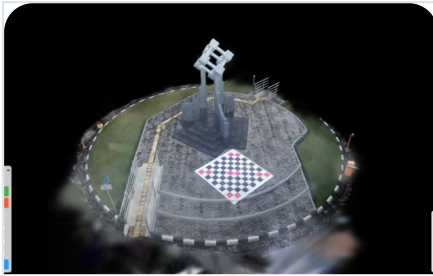
WEBGIS DEVELOPMENT

LIGHTWEIGHT NGAWI WEBGIS (NON-GEOSERVER)

A highly lightweight interactive geographic information system without GeoServer dependency.

Leaflet.js · GeoJSON · PHP



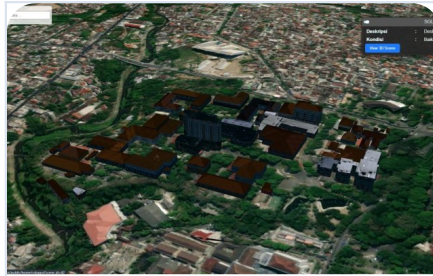


DIGITAL TWIN CITY

3D GAUSSIAN SPLATTING WEBGIS

Cutting-edge 3D Gaussian Splatting rendering to display detailed geospatial objects on the web.

3D Gaussian Splatting · WebGL · Photogrammetry



DIGITAL TWIN CITY

MODERN SELF-HOSTED 3D WEBGIS

3D topography and building visualization using self-hosted WebGL, independent of third-party providers.

WebGL · Self-hosted 3D · Three.js



WEBGIS DEVELOPMENT

ROAD DAMAGE MONITORING WEBGIS

A digital map-based road damage reporting and monitoring platform.

Laravel · Leaflet.js · PostGIS



SPATIAL DATA PROCESSING

SIDOARJO MUDFLOW ASSET WEBGIS

A map-based asset inventory system for areas affected by the Sidoarjo Mudflow.

Leaflet.js · PostGIS · PHP



SPATIAL DATA PROCESSING

KARANGWUNI VILLAGE ASSET SYSTEM

Digitalization of Karangwuni Village asset data for governance transparency.

CodeIgniter · Leaflet.js · MySQL

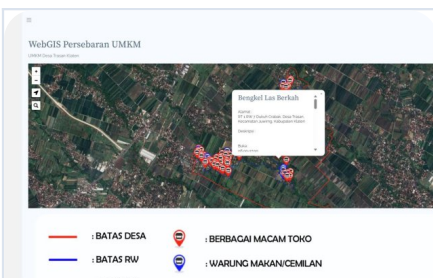


SPATIAL DATA PROCESSING

CADASTRAL LAND WEBGIS

A digital cadastral map for land parcel monitoring and ownership status.

Laravel · PostGIS · Leaflet.js



WEBGIS DEVELOPMENT

TRASAN VILLAGE INVENTORY WEBGIS

An interactive map of public facilities and potential distribution in Trasan Village.

Leaflet.js · PHP · MySQL



Free consultation via WhatsApp
+62 857-9657-7160

Full case studies & services
geonfaspasial.com



PLATFORM PACKAGES

TRANSPARENT & SCALABLE PRICING

Packages for building WebGIS, geoportals, and digital twins. Analysis, data processing, imagery, and surveys are quoted per scope of work — estimates are free.

WEBGIS NON-GEOSERVER

Rp 15 million+

Starting Price (Base System)

- ✓ Lightweight WebGIS architecture
- ✓ Cost adjusts to custom complexity
- Excludes Web Hosting & VAT

MOST POPULAR

GEOPORTAL (OGC STD)

Rp 45 million+

Starting Price (Base System)

- ✓ GeoServer backend integration
- ✓ WMS/WFS international standard
- ✓ Cost adjusts to custom complexity
- Excludes VPS server & VAT

DIGITAL TWIN CITY

Rp 65 million+

Starting Price (Base System)

- ✓ Advanced 3D environment & mapping
- ✓ Powered by GeoServer & 3D libraries
- ✓ Cost adjusts to custom complexity
- Excludes VPS server & VAT

CUSTOM SOLUTION

Flexible

Tailored to your scale & needs

- ✓ Fully tailored business logic
- ✓ Specific module & dashboard development
- ✓ Price calculated purely by complexity

Analysis, data processing, satellite imagery, and surveys are quoted per scope of work — estimates are free.





CORE TEAM

THE PEOPLE BEHIND OUR WORK



AZFA AHMAD DZULVIKAR

DIRECTOR & LEAD WEBGIS DEVELOPER

- ✓ M.Eng. in Geomatics, UGM
- ✓ B.Eng. in Geodesy, UNDIP

I hold a Master's degree from UGM and a Bachelor's from UNDIP. With a deep comprehension of geospatial science, I have transitioned from general practice to specialized consultancy. I am the director of PT Geo Anfa Spasial, where I offer professional consultancy and development services for WebGIS and Geoportals. My primary focus is on delivering high-quality, customized spatial solutions.



FREE CONSULTATION & ESTIMATE

GOT A GEOSPATIAL JOB?

Analysis, data processing, satellite imagery, surveys, WebGIS, or a full project — tell us what you need and we reply with a proposed method, timeline, and cost.

 **Chat WhatsApp Now**



WHATSAPP

+62 857-9657-7160



EMAIL

geoanfaspasial@gmail.com



WEBSITE

geoanfaspasial.com



ADDRESS

**Jalan Tugurejo A3 No. 26, RT 02, RW 01,
Tugu, Semarang, Jawa Tengah 50185**

NIB 2404260126307 · NPWP 1000000009388501 · Registered with Kemenkumham RI
© 2026 PT Geo Anfa Spasial



Free consultation via WhatsApp
+62 857-9657-7160

Full case studies & services
 **geoanfaspasial.com**