

NAUFAL IAN FADILLAH

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PROFILE

Geodetic Engineering graduate from **Universitas Diponegoro** with experience across **data analysis, GIS, geospatial systems, procurement, and hydrographic surveying**. Currently a Data Analyst at Badan Gizi Nasional, where I build executive dashboards and monitoring systems covering **27,000+ SPPG kitchens and 58 million beneficiaries** of the national Makan Bergizi Gratis program. Skilled in processing and integrating spatial and non-spatial data, developing dashboards and GIS platforms, and supporting government procurement systems. Experienced in coordinating projects, delivering technical training, and working with government institutions and cross-functional teams. Open to roles in **data analytics, GIS and geospatial work, business and project support, digital transformation, procurement, and operations**.

EDUCATION

Universitas Diponegoro

Geodetic Engineering Major, Faculty of Engineering / Bachelor's Degree, S-1

- GPA: 3.34/4.00

Semarang, Central Java

2018 – 2023

WORK EXPERIENCE

Badan Gizi Nasional - Direktorat Penyediaan dan Penyaluran Wilayah III

Data Analyst

Job Description:

- Standardized data from multiple sources to ensure it was **structured, consistent, and ready** for analysis and service requirements.
- Developed dashboards to monitor key operational metrics, target beneficiaries, and compliance data for the Makan Bergizi Gratis program to support strategic policy-making.
- Matched and integrated data across different systems to produce **complete, accurate, and valid datasets**.
- Developed **data visualizations, dashboards, charts, and reports** to support management and stakeholder understanding.
- Prepared **data-sharing mechanisms** for internal and external users in accordance with data governance requirements.
- Supported **program administration and implementation**, including data management and reporting activities.

Achievements:

- Built a **real-time executive dashboard** covering **27,000+ SPPG kitchens and 58 million program beneficiaries**, replacing static Excel reporting with interactive, filterable **BigQuery** reporting accessible from any device at **no licensing cost**.
- Developed a **procurement monitoring system** spanning **4 directorates**, consolidating approximately **Rp1.1 billion in recorded transactions** with payment status, administrative completeness, and delay tracking, establishing a **single source of truth** for procurement volume. Automated **daily 08:00 reminders** to procurement staff through **Google Apps Script**.
- Built an **SPPG suspension dashboard** integrating data from another directorate through **live import-range with a backup fallback**, replacing a single-user spreadsheet with a **real-time executive summary**.
- Created a **field issue ticketing system** with **auto-generated ticket numbers and status tracking**, adopted as the standard input for **leadership meeting presentations**.

Badan Gizi Nasional - Pusat Data dan Sistem Informasi

GIS & Data Analyst

Job Description:

- Standardized and integrated **spatial and tabular data** from multiple sources to improve data quality and support analysis.
- Developed and updated interactive dashboards connected to large datasets to enable real-time monitoring, troubleshooting, and data-driven decision-making.
- Prepared procurement documents and supported **electronic procurement and e-catalogue** processes.

Achievements:

- Led the **concept and feature design of GINA (Geospasial Gizi Nasional)**, a geospatial platform giving **role-based access** to interactive maps, dashboards, and **self-service data downloads** for the Makan Bergizi Gratis program, intended to replace manual request-based data delivery by the data team. **Directed the third-party development vendor** while serving as the **sole in-house owner of the geospatial concept**, and represented BGN at the **National Coordination Meeting of Badan Informasi Geospasial**.
- Contributed to **SIPGN development**, particularly the **Sourcing Management and ERP modules**, by translating **procurement domain knowledge into system requirements**.
- Delivered **SIPGN system training to 100+ SPPI participants**.

Lembaga Kebijakan Pengadaan Barang/Jasa Pemerintah - Direktorat Pasar Digital Pengadaan

Legal Drafter

Job Description:

- Reviewed **procurement data, documents, and regulations** to support government procurement policy and Catalogue development.
- Evaluated procurement processes and recommended improvements to implementation and **regulatory compliance**.
- Prepared **meeting minutes, policy materials, and supporting documents** for management and internal coordination.
- Delivered **training, technical guidance, and consultations** on Electronic Catalogue processes to government users and stakeholders.
- Handled online and offline user consultations, identifying and resolving **Electronic Catalogue v6** operational issues.
- Coordinated with **ministries, local governments, banks, vendors, and technology providers** to resolve procurement and payment issues.

Achievements:

- Served as a **speaker and trainer for Electronic Catalogue v6**, delivering training and technical guidance across different regions.
- Delivered training for the **first SPPI cohort at Universitas Pertahanan RI (UNHAN)**, covering general procurement and **Electronic Catalogue v6** for the Makan Bergizi Gratis program.
- Served as **primary point of contact for 10 ministries and 2 provincial governments** — including the **Ministry of Defense and the Indonesian National Armed Forces (TNI)**, and the **Ministry of Environment and Forestry** — resolving operational issues and coordinating account provisioning across geographically distributed units.

Central Jakarta, DKI Jakarta

Jan 2026 – Present

Central Jakarta, DKI Jakarta

Jun 2025 – Dec 2025

Central Jakarta, DKI Jakarta

Jun 2024 – Jun 2025

- Initiated and drove **payment integration for three provincial governments** (Jambi, Bangka Belitung, and Central Kalimantan), coordinating the local governments, regional banks, and the technology vendor. This **enabled catalogue payments that would otherwise have been blocked**, preventing budget absorption from stalling.

Royal Lestari Utama, Michelin Group Indonesia

Central Jakarta, DKI Jakarta

GIS Officer

Mar 2024 – May 2024

Job Description:

- Developed and maintained **GIS databases** for plantation boundaries, blocks, roads, waterways, infrastructure, and operational areas.
- Processed **satellite imagery, remote sensing, topographic, and spatial data** for plantation planning and monitoring.
- Created **thematic and operational maps** covering land use, soil, drainage, development stages, disease, and infrastructure.
- Conducted spatial analysis of **terrain, slope, elevation, erosion, flooding, and accessibility** to support plantation operations.
- Coordinated with **Agronomy, Finance, Business Analysis, Sustainability, Legal, HR, and Administration** teams.
- Prepared **spatial reports and maps** to support planning, monitoring, compliance, and performance reviews.

Achievements:

- Produced and maintained **spatial datasets and maps** for plantation planning, monitoring, and reporting.
- Supported decisions on **planting, replanting, irrigation, transportation, and operational planning** through spatial analysis.
- Worked in a **multicultural environment**, using English to communicate with foreign management and cross-functional teams.

Dinas Perumahan Rakyat dan Kawasan Permukiman Provinsi DKI Jakarta

Central Jakarta, DKI Jakarta

GIS Engineer (Expert Staff)

Aug 2023 – Oct 2023

Job Description:

- Coordinated the collection and organization of **hardcopy and digital land asset data** for geospatial database development.
- Developed and managed **geospatial databases and maps** for the Provincial Government of DKI Jakarta land assets.
- Integrated land asset data into **Jakarta Satu/WebGIS** and developed related storyboards and map layouts.
- Coordinated with **spatial, administrative, and financial teams** to support data completion and project implementation.
- Prepared **final reports** and coordinated the handover of geospatial databases, maps, and project documentation.

Achievements:

- Completed the project approximately **one month ahead of the expected schedule**.
- Successfully presented project results to **experts and officials within the DKI Jakarta Provincial Government**.

Zuliya Consulting

Semarang, Central Java

GIS Engineer - Intern

May 2022 – Sept 2022

Job Description:

- Processed **spatial and non-spatial data** using ArcGIS ArcMap according to KLHK guidelines.
- Supported the **Environmental Carrying Capacity Analysis** for Central Java Province and developed thematic maps.
- Analyzed supporting data using **Microsoft Excel**, including graphs, diagrams, and Pivot Tables for reporting.
- Supported daily **administrative activities, project documentation, and reporting**, including the preparation of internship reports.

Achievements:

- Successfully developed approximately **20 thematic maps** covering specified environmental services.
- Supported the completion of spatial analysis and data processing for a **provincial-level environmental planning project**.

Pusat Hidro-Oseanografi TNI Angkatan Laut (PUSHIDROSAL)

North Jakarta, DKI Jakarta

GIS Engineer - Intern

Jul 2021 – Aug 2021

Job Description:

- Processed **Multibeam Echosounder bathymetric data** using CARIS HIPS and SIPS based on hydrographic standards.
- Analyzed and visualized **seabed elevation and depth data** for the Riau Strait, Riau Islands.
- Created **3D visualizations and bathymetric maps (Lembar Lukis Teliti)** to represent sea-depth conditions for navigation.
- Prepared **technical reports and project documentation** and presented findings to officials in the **Hydrography Division**.

Achievements:

- Successfully processed and visualized **Multibeam Echosounder data into 3D and bathymetric maps**.
- Completed the required **technical analysis and final project report** within the internship period.
- Successfully presented technical findings to **PUSHIDROSAL Hydrography Division officials**.

ORGANIZATIONAL & COMMITTEE EXPERIENCE

Students Association of Geodetic Engineering - Universitas Diponegoro

Semarang, Central Java

Information Division Supervisor

2019 – 2021

- Supervised content production across organizational divisions to ensure published materials followed **SOP and publication standards**.
- Managed content and design for the organization's **official website and YouTube channel**, including activities and press releases.
- Coordinated the collection and organization of **event documentation** from each division to support reporting and records.

Ellipsoida Press Club - Universitas Diponegoro

Semarang, Central Java

Staff of Ellipsoida Press Organization

2019 – 2021

- Wrote articles covering various topics for the organization's **magazine and publication materials**.
- Edited and reviewed articles to improve **content quality, clarity, and publication readiness**.
- Managed the publication of **wall magazines, artwork, and annual magazines** through the organization's official website.

CERTIFICATION & TRAINING

- **Certification:** Certificate of Competence in Data Management – Data Analyst (BNSP) | November 2025
- **Training:** Information Security, Cybersecurity and Privacy Protection – ISO/IEC 27001:2022 – Lemti Unindo Inovasi | July 2025
- **Certification:** Government Procurement Competency Certificate – Level 1 (LKPP) | March 2025
- **Training:** Learn GIS from Zero to Hero Using Google Earth Engine and QGIS Basic Level – Geo Aps | August 2023
- **Training:** Spatial Data Acquisition and Introduction to QGIS for Mining – Creative Station | April 2023
- **Training:** GIS and Remote Sensing for Industry Using ArcGIS Pro – Geosoftware Community | April 2023
- **Training:** Advanced Excel – Digitalskillsarea | March 2023

- **Training:** Vector Data Processing in QGIS for Land Cover Mapping – Creative Station | January 2023

SKILLS

- **Language:** Indonesian (Native), English (Professional Working Proficiency)
- **Tools:** Microsoft Office (Word, Excel, PowerPoint), Google Workspace (Google Docs, Sheets, Slides)
- **Data & Analytics:** Data Analysis, Data Integration, SQL, BigQuery, Dashboard Development, Data Visualization, Microsoft Excel
- **GIS & Geospatial:** GIS, Spatial Analysis, Geospatial Database, ArcGIS, ArcGIS Pro, QGIS, Google Earth Engine, WebGIS, Remote Sensing, Thematic Mapping
- **Systems & Automation:** System Development, Process Automation, Google Apps Script, Metabase, Database Management
- **Procurement & Operations:** Government Procurement, Electronic Catalogue, E-Procurement, Procurement Monitoring, Regulatory Compliance, Process Improvement
- **Hydrography & Surveying:** Hydrographic Surveying, Multibeam Echosounder, Bathymetric Data Processing, CARIS HIPS & SIPS, Bathymetric Mapping