



# IHA RIZKI FAUZI

## Geodetic Engineer

Kendal, Indonesia | +6285174209248

[ihzarizki.f@gmail.com](mailto:ihzarizki.f@gmail.com) | <https://www.linkedin.com/in/ihzarizkifauzi/>

### SUMMARY

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Dedicated geodetic engineer with a solid foundation in GIS and land surveying, boasting 4 years of hands-on experience leading to successful projects. Certified as a Terrestrial Surveying Junior Expert, demonstrating a commitment to professional excellence. Proven ability to manage and lead teams, ensuring the accurate and efficient execution of surveying initiatives. Adept at utilizing advanced surveying technologies and methodologies to achieve precision in data collection and analysis. Eager to contribute expertise to dynamic projects and drive success in geospatial engineering.

### EXPERIENCE

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#### Team Leader of Geomatics Specialist

08/2024 to now

**ExsaMap Asia**, Jakarta, Indonesia

- Performed coaching and leading of 20 team members.
- Conducted two-dimensional aerial photo data extraction.
- Conducted three-dimensional IFSAR data extraction.
- Conducted cutting edge methods with model builder to speed up the progress up to 200% and to enhance the quality of spatial data.

#### Chief of Surveyor

06/2024 to 08/2024

**Project of Pendaftaran Tanah Menuju Kota Lengkap**, Jambi, Indonesia

- Optimized land parcels map data by conducting thorough analysis and implementing strategic updates, resulting in a complete elimination of gaps and enhanced accuracy throughout the system.
- Conducted comprehensive workload assessments for a crew of 20.

#### Chief of Surveyor

09/2023 to 12/2023

**Project of Block Adjustment**, North Jakarta, Indonesia

- Led the project to evaluate and optimize land parcel mapping for 31 villages; organized field investigations and collaborated with stakeholders to ensure accurate land record.
- Conducted comprehensive workload assessments for a crew of 14, leading to a 22% improvement in timeline efficiency.
- Identified potential obstacles resulting efficient workflows.

#### Surveyor and Drafter

06/2023 to 09/2023

**Project of Pendaftaran Tanah Menuju Kota Lengkap**, Pontianak, Indonesia

- Optimized land parcels map data by conducting thorough analysis and implementing strategic updates, resulting in a complete elimination of gaps and enhanced accuracy throughout the system.
- Spearheaded a cross-functional initiative to assess operational efficiency, conducting a thorough analysis and presenting a detailed report to the director.

#### Surveyor and Drafter

02/2023 to 05/2023

**CV. Tri Desain**, Kendal, Indonesia

- Arranged comprehensive surveys of buildings & land parcels, collecting and analyzing data to inform strategic decision-making.
- Created planimetric building design, resulting in optimized space utilization and enhanced workflow efficiency.
- Conducted comprehensive survey analysis, extracting actionable insights for the director.

#### Chief of Surveyor

06/2022 to 12/2022

**Project of Pendaftaran Tanah Menuju Kota Lengkap**, Surabaya City, Indonesia

- Streamlined the task allocation process for mapping land parcels on 78 villages, resulting in a 20% increase in productivity and ensuring timely completion of the project within the allocated budget.
- Implemented process improvements, streamlining workflows and increasing team productivity.

- Orchestrated a cross-functional team of 16 members to map and document over 7800 land parcels within a tight deadline, ensuring accurate asset management and compliance with regulatory requirements.

### **Chief of Surveyor**

03/2022 to 05/2022

#### **Project of Block Adjustment, Central Jakarta, Indonesia**

- Assessed and rectified land parcel maps covering 10 villages, cross-referenced data to rectify errors, ensuring reliable information for planning and development projects, and promoting effective land resource management at local government level.
- Leveraged data-driven insights to optimize resource utilization and improve operational efficiency.
- Analyzed potential obstacles, and developed efficient workflows resulting in a 15% reduction in project timeline and a 15% increase in data accuracy.

### **Surveyor**

12/2021

#### **Project of Block Adjustment, East Jakarta, Indonesia**

- Orchestrated the deployment of GPS technology to survey and demarcate land boundaries in three villages.
- Analyzed and compared measurement data with existing map; identified inconsistencies and recommended corrective actions, resulting higher data accuracy and improved decision-making process.

### **Surveyor**

03/2021 to 12/2021

#### **Project of Pendaftaran Tanah Menuju Kota Lengkap, Pontianak City, Indonesia**

- Assessed metadata and mapped for 23,000 land parcels using GIS software and satellite imagery and facilitated accurate land parcels location.
- Developed and implemented data validation techniques to ensure the accuracy and integrity of final data used for reports and presentations

### **Surveyor**

11/2020 to 12/2020

#### **Project of Pendaftaran Tanah Menuju Kota Lengkap, Klungkung Regency, Indonesia**

- Collaborated with a cross-functional team to execute survey campaign in 10 villages to map more than 3,000 land parcels.
- Orchestrated data collection efforts and delivered comprehensive analysis to Director, resulting in data-driven decision-making and improved strategic initiatives.

### **Surveyor**

08/2020 to 10/2020

#### **Project of Pendaftaran Tanah Menuju Kota Lengkap, Batam City, Indonesia**

- Spearheaded a data collection initiative, collaborating with a cross-functional team to map and categorize over 11,000 land parcel.
- Leveraged data visualization tools to transform complex data sets into visually compelling reports, enabling stakeholders to make data-driven decisions.

## **SKILLS**

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- Topographic surveying tools (Total Station, Waterpass, GNSS receivers)
- ArcMap
- ArcGIS Pro
- QGIS
- AutoCAD Map
- Surpac
- SQL
- Global Mapper

## **EDUCATION**

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### **Bachelor of Geodetic Engineering UGM**

- GPA 3.20/4.00
- Finalist of GIS Competition held by Cartography and Remote Sensing Department UGM, Visualizing Historical Heritage Connection with GIS Web

## **CERTIFICATION**

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<b>Terrestrial Surveying Junior Expert Lv. 7 (BNSP)</b>	<b>05/2023 to 05/2028</b>
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## **ORGANIZATIONAL EXPERIENCE**

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<b>Staff of Social Ministry of BEM KM UGM</b>	<b>06/2015 to 12/2017</b>
<b>Head of Social Department of KM Teknik Geodesi UGM</b>	<b>04/2017 to 04/2018</b>
<b>Staff of Law Division of Senate of Engineering Faculty</b>	<b>03/2017 to 03/2018</b>