



Mansyur

see my portofolio at my website : www.keybedd.com

A determined and responsible geologist who is well experienced in nickel laterite exploration, from field data acquisition to resources estimation. With extensive knowledge and great computer skills acquired, dedicating to deliver most optimum result. I also have strong knowledge and experiences in managing and utilizing database and spatial data for mapping, modelling and analyzing purposes.

📍 Merauke, Indonesia

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☎ 085-215-417-751

EDUCATION



Bachelor Degree
2012 - 2017
Hasanuddin University
Geological Engineering

WORK EXPERIENCE

Database and Resources Modeller

May. 2025 - Now

PT. VI (PT Vale Indonesia, Tbk)

- Developed a SQL-based database from scratch to centralize data management for tabular and spatial data, including drilling, laboratory, production, inventory, and reconciliation data, by utilizing available company resources.
- Built an automated data management system to streamline data collection, monitoring, reporting, visualization, and data sharing, improving efficiency and supporting drilling, resource modelling, and mining operations.
- Supervised data entry, database administration, database management, and reporting for the developed SQL-based data management enabling the database to effectively support day-to-day drilling, resource modelling, and mining activities.
- Conducted drillhole space analysis, geological modelling, and resource estimation to support mining production using grade-control drilling data.
- Prepared and published data, maps, analyses, assessments, and reconciliation reports related to available resources to support mining production and operational decision-making.

Database and Resources Modeller

Jan. 2024 - May 2025

PT. RIM (Ruby International Mining)

- Conducted due diligence studies to support Tsingsang's strategic expansion, reviewed resource statement reports, and performed re-estimation based on data received from potential areas.
- Developed RIM resources workflow, including database system development, resources estimation and validation method.
- Support PT. WBN resources team, validate database prior to resources estimation.

Geologist

May. 2022 - Apr. 2023

PT. Danmar Explorindo

- Supervising and managing the drilling activity in the exploration site to ensure all standards of safety and quality are implemented and followed.
- Providing spatial data and creating map to support nickel laterite exploration.
- Logging sample core, checking and correcting the recovery, validate geological layer and domain in database based on geological characteristic and evidence, assay result and core photo.

Junior Geologist, Resources Estimator

Sep. 2019 - May. 2022

PT MSSP (Manunggal Sarana Surya Pratama)

- Properly logging drilling samples and verifying and adjusting the sample recovery according to the established operating standards.
- Providing spatial data and creating map to support nickel laterite exploration.
- Performing resources estimation and block model validation for nickel laterite deposits to support exploration .

- Managing the drilling activity in the exploration site to ensure all standards of safety and quality are implemented and followed.
- Logging drilling samples correctly, checking and correcting the recovery of drilling sample based on standard of operation applied.

SKILLS

"I believe that I have strong experience in three major fields, namely: **1) nickel laterite exploration and resources estimation, 2) database and spatial database development and management, and 3) data analysis and visualization.** By combining these skills, I bring significant contributions and improvements to the projects I work on."

- Field data collection and exploration of nickel laterite (**mapping and drilling exploration**)..
- Geological Modelling and Resources Estimation for Nickel Laterite (**Surpac, SGEMS and ISATIS Neo Mining**).
- Map creation and spatial analysis (**QGIS, ArcGIS and Phytion**).
- RDBMS Development for Nickel Laterite with (**PostGreSQL and MS SQL Server**).
- Spatial database development and administration (**PostGIS, Geoserver**)
- Data visualization, Dashboard and Data Analysis (**python and power BI**)
- Automation of Excel with VBA and Python
- Website application development with HTML,CSS,Javascript and python (**Django Framework**)
- WebGIS application with HTML, CSS, Javascript, Python (**Geodjango Framework**)

TRAINING AND CERTIFICATION

- Learn How To Create Interactive Plots And Intelligent Dashboards With Plotly, Python, And The Dash Library! - Udemy
- 2024 Python Data Analysis & Visualization Masterclass - Udemy
- Automating Qgis 3.Xx With Python - Udemy
- Introduction To Spatial Databases With Postgis And Qgis 3 - Udemy
- Geoserver From A-Z - Udemy
- The Html & Css Bootcamp 2024 Edition - Udemy
- Bootstrap 5 Course - The Complete Guide Step By Step - Udemy
- Python Django - The Practical Guide - Udemy
- Introduction To Web Programming For Gis Applications - Udemy
- Display And Analyze GIS Data On The Web With Leaflet - Udemy
- Leaflet From Scratch With A Geodjango Project - Udemy
- Pengawas Operasional Pertama (POP) - Safety Prenuer
- WEDA BAY CLINIC First Aid Training Level 1 - Weda Bay Clinic PT. IWIP
- Enhancing Nickel Laterite Modelling Through Implicite Modelling Techniques Lenusa Consulting
- Geological Modelling & Resource Estimasion : Case Study Nickel - Minetech
- Mine Scheduling : Case Study Nickel - Minetech
- Public Course Geostatistic For Resource Estimation - IAGI
- The Ultimate Mysql Bootcamp: Go From Sql Beginner To Expert - Udemy
- Database Mysql : Pemula Sampai Mahir - Udemy
- Python For Machine Learning & Data Science Masterclass - Udemy
- Visually Effective Excel Dashboards - Udemy
- Unlock Excel Vba And Excel Macros - Udemy

PORTOFOLIO

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