Product Operation / Python Dev / Geospatial Data Analyst

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Education

BACHELOR OF SCIENCE IN GEOGRAPHIC INFORMATION SYSTEM – Gadjah Mada University – Indonesia   December 2013
Majors: Spatial Analysis, Geo-software, Python Developer, Project Management

Skills

Geo - Python Libraries: **geopandas**, pandas, ggplot2, streamlit	**Google Looker -Worksheet** Google Formula, Google Data Viz	**Excel** Tools: Pivot Table, Pivot Chart, VLOOKUP, HLOOKUP
QGIS Tools: Geospatial Modelling	**SQL** Software: Superset	**Project Management:** Tools: JIRA, Notion, Kanban

Projects

AUTOMATING GEOHASH EXTRACTION – Grab Project **–** Jakarta, Indonesia   August 2023

- Utilized **Python** to extract geohash code for user without engineering background to assist various geohash config.
- Implemented **geopandas and geohas** python library as key feature to be able to compile and visualize geohash code.
- Compiled and deployed using streamlit frameworks and Heroku, links and repository can be accessed here

INDONESIA GDP PERPROVINCE SPATIALLY VISUALIZED – Personal Project **–** Jakarta, Indonesia   July 2022

- Created a dashboard with **Python and Streamlit** to visualize Indonesia GDP per province.
- Aimed to develop dynamic interactive dashboard contains map dan tabular data.
- Portfolio can be accessed here and repository link.

AIRBNB RENT HOUSE PRICING DASHBOARD – Personal Project **–** Jakarta, Indonesia   May 2021

- Utilized **R package and Shinydashboard** to perform map visualization and charts represent various rent's pricing.
- Performed data cleaning and spatial analysis to successfully identified the various price inside Airbnb data.
- Portfolio can be accessed here and repository link.

PROJECT MANAGEMENT – Grab Project **–** Jakarta, Indonesia   March 2018 - Now

- Utilizing various project managements tools such JIRA, RACI Matrix to run project seamlessly.
- Using google worksheet formula to perform analysis through various case.

Work Experience

GEO PRODUCT OPERATIONS – GRAB Ltd. **–** Jakarta, Indonesia   March 2018 - Now

- Managing various product deployment in Indonesia marketplace such as map navigation, indoor map navigation, street-imagery and internet of things product.
- Performing geospatial analysis to maintain quality POI and navigation data performance, solving business problems, and improving grabmap service.
- Collaborating with various stakeholders from tech operations, transport ops, engineer and data analytic to ensure of Grab apps service fulfill market needs.

SALES ENGINEER GEO PRODUCT – PT. Datascrip – Jakarta, Indonesia   November 2016 – December 2017

- Organized sales operations to achieve sales target, handled geo-product such as Total Stations, mapping software, and terrestrial laser scanner.
- Actively engaged with business partner also looked for new business partners to scale up sales data metrics.