



ABDUL WHOZAIFAH BIN ABDUL RAHIM

DATA SCIENTIST | DATA ENGINEER | DATA ANALYST



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PERSONAL INFORMATION

Age : 33
IC Number : 900308-10-5823
Gender : Male

CERTIFICATION/TRAINING

- Fusionex Certified Data Scientist By PENERAJU Programme
- Fusionex Certified Data Engineer By PENERAJU Programme
- Digital Leadership By Peoplelogy
- Google Cloud Big Data & Machine Learning Fundamentals

KEY SKILLS

- | | |
|------------------------------------|----------------------|
| • Machine Learning & Deep Learning | • Microsoft Power BI |
| • Python | • Tableau |
| • SQL | • Hue |
| • Oracle | • Hive |
| • Dataflow | • Impala |
| • C# | • Spark |
| • Javascript | • Kafka |
| • Visual Studio Code | • ArcMap |
| • Hadoop | • Adobe Photoshop |
| • Sqoop | • Microsoft Office |

EDUCATIONAL BACKGROUND

- | | |
|-------------------|---|
| 2012
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2016 | • University Technology PETRONAS, Perak <ul style="list-style-type: none">• Bachelor of Tech (Hons) Petroleum Geoscience Major in Basin Reservoir• CGPA: 3.05 |
| 2008
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2010 | • UniKL Malaysian Spanish Institute, Kulim <ul style="list-style-type: none">• Edexcel GCE A-Level• 1A 2C |

WORKING EXPERIENCE

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|--------------------------------|---|
| OCT 2021
-
RECENT | • Eftech Drilling Solutions Sdn Bhd (Data Engineer) <ul style="list-style-type: none">• Attached with PETRONAS Reference & Master Data Management Project• Analyse, design and develop data elements, dependencies and relationships, and data models.• Monitor, diagnose and troubleshoot data pipelines, processes and any data exchanges with other database and system.• Ingest and consolidate data from multiple systems and database.• Develop data integration between Power BI, database and system.• Design and develop Power BI dashboard for Reference & Master Data.• Coordinate with SME to implement Reference & Master Data in PETRONAS Upstream data.• Conducted data hygiene and data enrichment activities in PETRONAS Upstream data. |
| JUN 2019
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AUG 2021 | • Ocned Water Technology Sdn Bhd (Geologist) <ul style="list-style-type: none">• Facies classification using Unsupervised Machine Learning.• Clustering water quality and geological data classification using Supervised and Unsupervised Machine Learning.• Analyze and visualize geological data to client into 3D model using Rockworks.• Provide well design, logging, drawing, graph and report. |
| FEBRUARY 2018
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MAY 2019 | • Bumimetro Engineering Sdn Bhd (Geologist) <ul style="list-style-type: none">• Soil investigation and micropile.• Prepare borelog and collect sample. |

OTHER WORK EXPERIENCE

Geo Technology Resources Sdn Bhd (May 2017 – Feb 2018)

- Geologist
- Expose to fieldwork for data acquisition, processing and interpretation of geological modelling.
- Prepare geological map, cross sectional diagram and report.

Kagawa Drilling Technology Sdn Bhd (March 2016 – May 2017)

- Geologist cum Site Engineer
- Site coordination, management of subcontractors.
- Provide well design, logging, drawing and report.

PROJECT EXPERIENCE

Upstream Reference & Master Data Management for Subsurface Data

- Ingest and consolidate data from multiple systems and database in Upstream Petronas using **SQL, Oracle & SAP**.
- Design and develop Upstream Reference & Master Data dashboard using **Power BI**.
- Presented data insights and findings to SME in the form of reports, presentations and dashboards.
- Conducted data hygiene and enrichment activities to ensure the accuracy and completeness of data.
- Successfully develop Reference & Master Data for subsurface data such as PVT, Fluid Sample, Well Log, Reservoir, Play, Lead, Prospect, Seismic and etc.

Open Subsurface Data Universe (OSDU)

- Ingest and consolidate data from multiple systems and database in Upstream Petronas using **Dataflow & API**.
- Design and develop Reference & Masterdata OSDU dashboard using **Power BI**.
- Develop, monitor and troubleshoot data integration between OSDU and Power BI dashboard.
- Analyse and develop data elements, relationships and data models from OSDU.

Data Scientist Pet Project

- Churn Model on credit card dataset from Kaggle.
- Classification Machine Learning on Titanic dataset from Kaggle.
- Multiple linear regression on life expectancy dataset from World Health Organization.
- Clustering on credit card dataset from Kaggle using Kmeans and DBSCAN.
- Association rules on groceries dataset from Kaggle using Apriori.
- Object detection apps using Tensorflow.js and React.js with COCO SSD trained model.
- Push up and bicep curl counter using mediapipe pose estimation model.
- Mining 'vaccines' twitter data and conduct TextBlob sentiment analysis using Spark Application.



PERSONAL REFERENCE

Nurul Emira Bt Jalaluddin

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