

MOHD ARIF ZAFRI BIN MOHD MOKHTAR

DATA ENGINEER



✉ m.arifzafri@gmail.com

☎ (+60)1123123861

📍 Kajang, Selangor

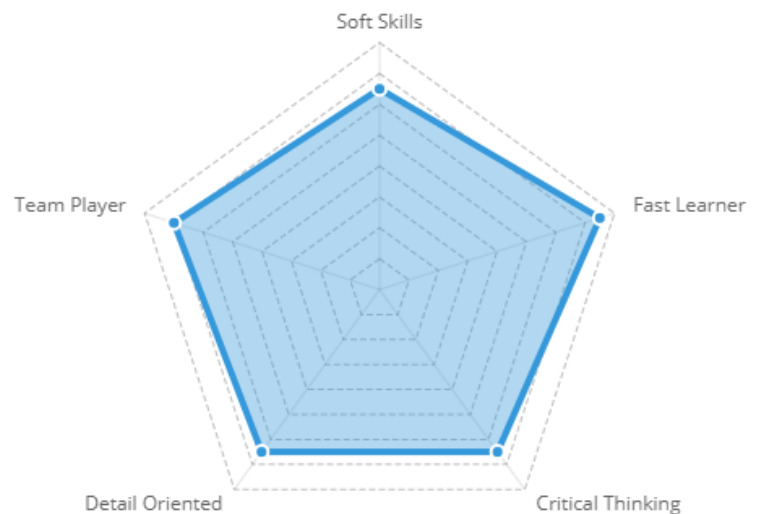
🐙 arifzafri106.github.io

in linkedin.com/in/m-arifzafri

RESUME OBJECTIVE

A highly motivated and creative individual with a strong determination to excel, with near 2 years of experience as a Mechanical Engineer. Has acquired the skills to be adaptive, flexible, and resourceful having been involved in various projects as a Mechanical Engineer. A graduate of Mechanical Engineering who aspires to pursue a career in Data Engineering and has recently obtained a certification as a Data Engineer from the Center of Applied Data Science (CADS). Proficient in Python and has the hunger to learn new technologies while in the working field.

SKILLS



EXPERIENCE

MECHANICAL ENGINEER

One Ocean Environment Sdn Bhd / May 2019 – Feb 2021

- Designed the process of the temporary sewage treatment plant using Membrane technology which is the first used in Malaysia.
- Produced multiple technical drawings using AutoCAD, Inventor and SolidWorks for Various projects.
- Monitored on site progress for 2 months to ensure drawings and on-site installations were identical.
- Effectively lead and prepared relevant documentation for several projects such as equipment submissions and method statements for installation to be sent for approval with the government bodies and different Consultants.
- Managed a Sewerage Pump Station project which included responsibilities such as liaising with Consultants, Sub-Contractors and Main-Contractors, effectively produced multiple technical drawings and procurement of equipments required.
- Person-in-charge for 2 Wastewater Treatment Plants Tender located at Makassar and Pekan Baru, Indonesia .

QA/QC Engineer (Intern)

Ohta Precision Sdn Bhd / Feb 2018 – May 2018

- Handled and solved customer complaints on quality of product.
- Provided solutions to improve quality of goods produced by using Root Cause Analysis (RCA) to improve Manufacturing processes.
- Ensured all work done on site is appropriate to the standards set by the company via briefing and presentation.

EDUCATION & CERTIFICATION

DATA ENGINEER TRAINEE

Center of Applied Data Science / May 2021 – Present

- Training and mentorship with Data Scientists under the Data Star Programme.
- Modules included during training were Python for analytics (Basic to Advanced), SQL
- Big Data Analysis with Apache Spark, Data Visualization with Tableau
- Relational Database Design and Extract, Transform, Load (ETL)

Bachelor of Mechanical Engineering (Hons.)

Universiti Tenaga Nasional / 2015 – 2019

- CGPA 3.35/4.00

Foundation in Mechanical Engineering

Universiti Tenaga Nasional / 2014 – 2015

- CGPA 3.21/4.00

PROJECTS AND ACHIEVEMENTS

ONLINE COURSES

- Complete Python Developer in 2021: Zero To Mastery - Udemy
- MySQL Tutorial for Beginners - Youtube
- Data Analysis with Python Course – Numpy, Pandas and DataViz – Youtube

FINAL YEAR PROJECT

- Conducted simulation studies on microwave-assisted pyrolysis of biomass for bioenergy production with special attention on waveguide number and location. This journal is also the only journal published in that semester.
- Published in Energy Journal Vol. 190 (2020) <https://doi.org/10.1016/j.energy.2019.116474>

DEAN'S LIST ACADEMIC AWARD – (Semester 2 17/18, Semester 1 18/19, Semester 2 18/19)

PROGRAM TOYOTA ECO YOUTH (STATE LEVEL)

- Handled a community project which involved government bodies for the collection of used cooking oil and recycling the cooking oil.
- Presented the outcome and impact of the community project at the final stage of the competition.

PARTICIPANT OF PROJECT PAPLET – SAVING THE PLANET ONE PAGE AT A TIME (MALAYSIAN GUINNESS BOOK OF RECORDS)

- Involved in production of paplets using recycled paper which achieved "The Most Number of Booklet Made from Recycle Papers". By Malaysian Guinness Book of records

SECOND RUNNER'S UP UNITEN ROBOTICS LEAGUE 2017

- Created a Robot to be used at the Robot Battle competition.

REFERENCES

Ts. Muhd Arif

Deputy Manager

One Ocean Environment

muhammad.arif@oneocean.my

Tel: +60129441043

Ms Roslinda Abu Bakar-Kellsey (Lynda)

CADS Campus Director

Center of Applied Data Science

roslinda@thecads.com

Tel: +6019-240-9549