

Contact

wazeefzainol@gmail.com

www.linkedin.com/in/wazeefzainol
(LinkedIn)

Top Skills

TypeScript

vite

Next.js

Certifications

Graduate Engineer

The Complete Solar Energy Course :
Beginner to Advanced Level

Foundations: Data, Data,
Everywhere

Prepare Data for Exploration

IWCF Level 1 Program

Wazeef Zainol

Software Engineer | Data Enthusiast | SEDA GCPV QP
Federal Territory of Kuala Lumpur, Malaysia

Summary

A self-driven and strong-willed Software Engineer with immense love for Web Development and Big Data Analytics. He is a certified FusonEx Data Engineering Associate sponsored by Yayasan Peneraju in August 2022. After graduating from Vanderbilt University with a Mechanical Engineering B.E., Wazeef is someone who is constantly on the lookout for new pioneering and industry-breaking technologies. A curious person, a dedicated footballer, and a passionate lover.

Experience

GAMUDA

Gamuda AI Academy Trainee

January 2025 - Present (2 months)

Damansara, Selangor, Malaysia

Malacca Securities Sdn Bhd

Junior Software Engineer

May 2023 - July 2024 (1 year 3 months)

Damansara, Selangor, Malaysia

Techna Analytics

Data Analyst

August 2022 - April 2023 (9 months)

Kuala Lumpur, Federal Territory of Kuala Lumpur, Malaysia

- Writes script for web scraping/ data mining using R. Packages include RSelenium, Rvest, RPostgreSQL, and data.table.
- Performs data cleaning, processing, wrangling, analysis, and visualization of extracted data. Packages include stringr, tidyverse, dplyr, and regex.
- Maintains ETL process with the help of a Data Engineer. Work includes setting off schedules for data mining operations.
- Uses PostgreSQL to interact with the database, performing simple data cleaning before data processing.
- Prepares a report for the client after each Data Analysis process.

Green Xperts Sdn Bhd

Solar Engineer

September 2021 - August 2022 (1 year)

Cyberjaya, Selangor, Malaysia

- Responsible for engineering design from the preliminary, proposal, and actual stage.
- Analyzes using Helioscope to monitor PV potential losses due to the site's surrounding shadow.
- Analyzes using PVSYST to monitor PV potential losses due to BOS components and Modules to Inverter sizing selection.
- Uses STAADPRO to perform roof structural analysis in some special cases, using the European Standard for structural analysis.
- Prepares PV Layouts, Electrical Single Line Diagrams (SLD), Mechanical Mounting Layouts, and Cable Routing Layouts using AUTOCAD for each project.
- Work cross-functionally with sales and project management team to ensure clients' established specifications and system standards are met.

Berjaya Engineering Construction Sdn. Bhd.

Site Engineer

March 2020 - August 2021 (1 year 6 months)

Kuala Lumpur, Federal Territory of Kuala Lumpur, Malaysia

Mechanical and Electrical Department - M&E Site Engineer

- Coordinate with sub-contractors on-site works planning and implementation.
- Supervise mechanical and electrical sub-contractors' works.
- Evaluate sub-contractors' site diary submission on their diary site activities.
- Coordinate with sub-contractors on the documentation submission including good keep of all the site records.
- Attend site meeting and sub-contractors meeting.
- Ensure sub-contractors follow site safety and health regulation.
- Coordinate with IOW/Clerk of Works to arrange site inspection and site evaluation.
- Update M&E Engineer on site works progress status and report any mechanical and electrical site issues.

Sapura Drilling

Graduate Engineering Trainee

December 2019 - February 2020 (3 months)

Malaysia

Asset Management Department – Technical Support Team

- Provides mechanical technical support to the ongoing team operation.
- Completed the IWCF Level 1 Program certificate.
- Completed the IWCF Well Operations Crew Resource Management certificate.
- Completed Sapura Energy E-learning Training certificate entailing Tender Assist Drilling Units, Hoisting Systems, Drilling Parameter Trends, and Coring.

Vanderbilt University

3 years 1 month

Audio Visual Technician

August 2017 - May 2019 (1 year 10 months)

Intramural Sports Referee

May 2016 - August 2017 (1 year 4 months)

Nashville, Tennessee

Ruffalo Noel Levitz

Fundraiser

May 2018 - August 2018 (4 months)

Nashville, Tennessee

Education

Vanderbilt University

Bachelor of Engineering - BE, Mechanical Engineering · (2015 - 2019)

MRSM Kuala Berang