



AHMAD SYAHIR BIN ZUR Aidin

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PROFILE

Possess 4 years of experience in programming and creating solutions to enhance business productivity. Proficient in data management, business analytics and process automation using tools such as Python, SQL, VBA, SAS and Power BI. Extensive coding experience in C#, ASP.NET, JavaScript, HTML and XML. Highly familiar with git, agile development, frontend and backend systems.

PROJECTS

Library Management System Apr 2023

- Developed a system to manage books and library operations with CRUD functionality, book tracking, lending and return dates, and search and filter options.

Weather Web Application Apr 2023

- Used JavaScript/HTML/CSS to design a live weather application using API integration with features such as metric and imperial units switching, and customizable backgrounds based on weather conditions.

Calculator App May 2023

- Replicated the calculator app available in Windows using C# (.NET framework).

Employee Management System Aug 2021

- Developed an employee management system using C# with integration to MySQL database for data storage. Features include create, read, update and delete (CRUD) functions. Performed unit testing using NUnit.

WORK EXPERIENCE

Application Development Analyst May 2022 – Present *Accenture* *Cyberjaya, Malaysia*

- Performed data cleansing, transformation, analysis and visualization in SAS.
- Utilized SQL to extract data from multiple tables and databases using JOIN and UNION statements.
- Created Python and Excel VBA scripts to automate ad-hoc repetitive tasks which help reduce processing time by 50%. Automation features include data extraction, cleaning, filtering, data aggregation from multiple databases and automated visualization export to PowerPoint.
- Consulted with client to determine the best metrics to be displayed on final product.

Project Engineer Mar 2019 – May 2021 *Well Experts Services* *Kuala Lumpur, Malaysia*

- Created 10+ dashboards using Power BI to help clients with comparison.
- Transformed and processed client's data by using DAX and Excel to ensure data completeness and validity.
- Aggregated and visualized data by using Python (pandas, matplotlib and wordcloud) to compile a professional report.
- Participated in techno-commercial discussion between internal team and client to ensure scope of work compliance, timely project delivery and costs are within budget.

EDUCATION

MSc in Software Engineering

Asia Pacific University

- CGPA: 3.71/4.00

Aug 2021 – Present

Kuala Lumpur, Malaysia

BEng (Honors) in Petroleum Engineering

University Technology PETRONAS

- CGPA: 3.60/4.00

Jan 2015 – Jan 2019

Perak, Malaysia

Cambridge IGCSE (O-Level)

Qatar International School

- Grade: 4A*, 2A, 2B

Jan 2009 – Jan 2014

Doha, Qatar

CERTIFICATIONS

SAS Macro Programming – Advanced

Udemy

- Exposure to macro variables and macro functions to create efficient SAS codes.

Feb 2023

Power BI

SEIDOR Analytics

- Exposure to power query, data modelling, visualization and dashboard publishing in Power BI.

Feb 2023

Agile Software Development

LinkedIn

- Exposure to several types of agile methodologies such as scrum, extreme programming and Kanban.

Feb 2022

Excel/VBA for Creative Problem Solving

Coursera

- Exposure to VBA scripting, macros and Excel functions for automation and analysis.

Apr 2021

TECHNICAL SKILLS

- | | | |
|---------------------------|--------------------------|------------|
| • JavaScript (React) | • C# (.NET Framework) | • Tableau |
| • HTML | • C++ | • Power BI |
| • CSS | • Python (Pandas, NumPy) | • VBA |
| • SQL (SQL Server, MySQL) | • Microsoft Office Suite | • SAS |

REFERENCES

Hussein Alahdal

General Manager

Well Experts Services

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