

INTAN NUR SAIDATUL AQILAH BINTI MOHD FADDIL

BSc Computer Science in Software Engineering (Hons.)

Kuala Lumpur

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EDUCATION

Oct 2021 — August 2025	BSc Computer Science in Software Engineering (Hons.), University of Science Malaysia <u>MUET:</u> Band 4	Penang
May 2020 — Feb 2021	Foundation in Engineering, DRB-HICOM University of Automotive Malaysia <u>CGPA:</u> 4.00	Pahang

AWARDS & SCHOLARSHIPS

2025	KitaHack 2025 by Google Developer Group on Campus (GDGoC) Selected as Top 10 from 200+ teams even participated as a solo-ist.
2025	MSTB Software Testing Competition Advanced into top 10 team in national-level software testing competition by MBOT.
2025	Internship Excellence, Universiti Sains Malaysia Granted a certificate of excellence for outstanding internship performance from Universiti Sains Malaysia
2021	Bachelor Degree Scholarship, Yayasan Telekom Malaysia Granted a scholarship from Yayasan Telekom Malaysia to pursue my bachelor degree studies.
2020	Foundation Scholarship, DRB-HICOM University Granted a scholarship from DRB-HICOM University to pursue my foundation studies.

PROJECTS

Document Extraction

Develop an AI-Powered Document Management Platform for PETRONAS Upstream that automates the ingestion, decision of classification, and metadata extraction of engineering documents across multiple petroleum facilities. Built with React, TypeScript, Fastify, and MongoDB, the system leverages Google Vertex AI and Azure Document Intelligence to intelligently resolve document metadata with confidence scoring. Features include batch document processing, accuracy validation against master data, real-time performance dashboards, and sophisticated workflow management for handling 100,000+ technical documents. Increase 51 times efficiency as opposed to manual work with 100% accuracy achieved.

Smart Move

Develop a mobile application to solve about bus issue in USM and traffic congestion where we monitor each bus stop's crowdedness level and from there analyse which bus stop has the highest priority level and put it in priority list. The bus then will take passengers from the priority list which has optimized sum of each in bus stop for a bus. This can increase turnover time and decrease number of bus. This application has bring to top 10 KitaHack Finalist 2025. I use Flutter, Dart and JavaScript. Reduce 50% number of buses and time as the serving time of bus has increased.

Kita Tongtong (FYP Project)

A mobile application of financial aid application where recipients got rewards in terms of voucher that can be converted to any package Kasih to reduce misuse of the funds. Recipients can participate events which they will be awarded points that can be converted into voucher which can encourage skill development among recipients. Donors can choose to either donate through flexible amount, package Kasih or food bank and upon successful donation, they will receive tax exemption letter upon successful donation. This project is collaborated with a client, MADAD to tailor the apps according to their needs which help with the decision-making. I use ReactJS, Node JS, MongoDB, and ExpressJS.

Hadoop Cluster

Provisioned a cluster of virtual machines and installed Kubernetes to orchestrate containerized Hadoop services, set up multiple virtual machines (VMs) configuring the NameNode as a singleton StatefulSet and the DataNode/NodeManager pair as a DaemonSet with each backed by PersistentVolumes for robust HDFS storage. MapReduce jobs were executed seamlessly across the multi-node environment, with Kubernetes handling automatic task distribution and dynamic scaling. I use Kubernetes, Apache Hadoop, Ubuntu, Python and Java. This project is train me to be DevOps Engineer.

PowerApps BTA/PTA

Developed a Power Apps to automate and scale the appointment position internally of BTA/PTA using PowerApps and Power Platform. Reduce 60% of time as we replace manual work and reduce management layer in appointing the position as PowerApps helps to automate organizational works.

Sports Registration Database

Develop a website database on registering sports for school using PHP, MySQL, HTML and JavaScript.

RELEVANT EXPERIENCES

August 2025 – Oct 2025	SOLUTION DEVELOPER, AXTRACTION AI
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	<ul style="list-style-type: none"> Gathered and analyzed business requirements directly with stakeholders, bridging business needs and technical implementation Designed and developed full-stack solutions, from backend services to frontend interfaces, ensuring end-to-end functionality. Planned, deployed, and maintained applications on Google Cloud Platform (GCP) and use Azure OCR to extract text, ensuring scalability and reliability. Automated manual processes with AI-driven workflows, reducing tasks that previously required years of manual effort down to few hours. Delivered solutions for enterprise-level clients, such as PETRONAS, demonstrating ability to work with large-scale, high-impact projects. 																		
March 2024 — Sep 2024	<p>TECHNICAL GOVERNANCE INTERN, PETRONAS</p> <ul style="list-style-type: none"> Developed a mobile application using Microsoft Power Apps and Power Automate to streamline the appointment of Technical Authorities across the section, improving efficiency and reducing manual processes. Designed and implemented multiple Power BI dashboards for monthly reporting, enabling data-driven decision-making at the organizational level. Optimized and cleansed over 70,000 rows of raw data to ensure accuracy and reliability, contributing to more effective reporting and analysis. Designed and developed a custom mobile application for the PTS Survey, enhancing accessibility and user experience for PETRONAS staff 																		
Dec 2021	<p>COMMITTEE (Technical) of VIRTUAL COMPUTER SCIENCE INTERNSHIP & RECRUITMENT FAIR (VCSIRF) 2021</p> <ul style="list-style-type: none"> Helped the event in flow by ensure the event is free from technical disruption 																		
Mar 2022 - April 2022	<p>COMMITTEE of Varsity Hackathon USM 2022</p> <ul style="list-style-type: none"> Appointed to be committee in technical department Event held online internationally <p>EXCO (Education) of Computer Science Society USM</p> <ul style="list-style-type: none"> Helped CS students getting reliable information by having decentralised system Distributing useful information such as scholarships, events, and assignment deadline 																		
Dec 2018	<p>CORE TEAM MEMBER (Technical Department) of Google Developer Student Club (GDSC)</p> <ul style="list-style-type: none"> Appointed to be HTML and CSS mentor for IDEA fair programme Mentoring around 7 colleagues from Engineering Campus USM student Made proposal for MyUSM application Record all minute meeting 																		
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REFERENCES	<p>Mr Ezmal Bin Ab Rashid Senior Manager of Technical Governance & Assurance Global Technical Solutions Tower 3 PETRONAS 50088 Kuala Lumpur +60126261156 ezmal_arashid@petronas.com.my</p> <p>Muzallyefah Fadli Technical Lead Atraction AI, Lingkaran Syed Putra, Mid Valley City 59200 Kuala Lumpur +60172151738 muzallyefah@attraction.ai</p>																		