

# INTAN NUR SAIDATUL AQILAH BINTI MOHD FADDIL

## BSc Computer Science in Software Engineering (Hons.)

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Portfolio: [intanceyyy.vercel.app](https://intanceyyy.vercel.app)

Github: [github.com/intanaqilah-mf](https://github.com/intanaqilah-mf)

### EDUCATION

Oct 2021 — August 2025	<b>BSc Computer Science in Software Engineering (Hons.), University of Science Malaysia</b> <u>MUET</u> : Band 4	Penang
May 2020 — Feb 2021	<b>Foundation in Engineering, DRB-HICOM University of Automotive Malaysia</b> <u>CGPA</u> : 4.00	Pahang
Jan 2018 — Dec 2019	<b>Highschool Diploma, SMK Seri Tanjung, Melaka</b> <u>SPM</u> : 8A	Melaka

### AWARDS & SCHOLARSHIPS

2025	<b>KitaHack 2025 by Google Developer Group on Campus (GDGoC)</b> Selected as Top 10 from 200+ teams even participated as a solo-ist.
2025	<b>Internship Excellence, Universiti Sains Malaysia</b> Granted a certificate of excellence for outstanding internship performance from Universiti Sains Malaysia
2021	<b>Bachelor Degree Scholarship, Yayasan Telekom Malaysia</b> Granted a scholarship from Yayasan Telekom Malaysia to pursue my bachelor degree studies.
2020	<b>Foundation Scholarship, DRB-HICOM University</b> Granted a scholarship from DRB-HICOM University to pursue my foundation studies.

### PROJECTS

#### 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 MADAD to tailor the apps according to their needs which help with the decision-making. I use Flutter, Node JS, Dart, Python and JavaScript.

#### 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.

#### PowerBI Monthly Reporting IOAIA GC

Collaborating with other department which is MPM by cleaning, processing data and maintaining the dataset (with 70k rows) and produce PowerBI dashboard monthly. Reduce 70% of time doing monthly reporting as we only have to update the data and refresh, PowerBI will update the visual automatically as we replace Excel visual.

#### 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

March 2024 — Sep 2024	<b>TECHNICAL GOVERNANCE INTERN, PETRONAS</b> <ul style="list-style-type: none"><li>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.</li><li>Designed and implemented multiple Power BI dashboards for monthly reporting, enabling data-driven decision-making at the organizational level.</li></ul>
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- 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

May 2022 – July 2022

#### COMMITTEE of Log of Night 2022

- Being the committee in Design and Award department
- Helped to design the flow of the event and create voting form

Dec 2021

#### COMMITTEE (Technical) of VIRTUAL COMPUTER SCIENCE INTERNSHIP & RECRUITMENT FAIR (VCSIRF) 2021

- Helped the event in flow by ensure the event is free from technical disruption

Mar 2022 - April 2022

#### COMMITTEE of Varsity Hackathon USM 2022

- Appointed to be committee in technical department
- Event held online internationally

#### EXCO (Education) of Computer Science Society USM

- Helped CS students getting reliable information by having decentralised system
- Distributing useful information such as scholarships, events, and assignment deadline

Dec 2018

#### CORE TEAM MEMBER (Technical Department) of Google Developer Student Club (GDSC)

- 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

<b>CERTIFICATES</b>	ICDL Big Data Issuer: ICDL Date: Jan 2025		ICDL Big Data Issuer: ICDL Date: Dec 2024		ICDL Digital Marketing Issuer: ICDL Date: Dec 2024	
	Secure Programming with C Issuer: EC-Council Date: Feb 2025		Secure Linux Forensics Issuer: EC-Council Date: Feb 2025		MERN Stack Issuer: Knowledgecom Date: August 2025	
<b>SKILLS</b>	<b>MERN</b> (MongoDB, Express, ReactJS, NodeJS)	Expert	<b>FlutterFire (Flutter &amp; Firebase)</b>	Expert	<b>Python</b>	Skillful
	<b>LAMP (Linux, Apache, MySQL, PHP)</b>	Expert	<b>Postman</b>	Beginner	<b>Microsoft Stack (PowerBI, PowerApps, PowerPlatform)</b>	Expert
	<b>Relational Database (MySQL and Oracle)</b>	Expert	<b>Apache Hadoop</b>	Experience	<b>Leadership</b>	Expert
<b>LANGUAGES</b>	<b>Malay</b>	Native speaker	<b>English</b>	Highly proficient	<b>French</b>	Beginner
<b>REFERENCES</b>	<b>Mr Ezmal Bin Ab Rashid</b> Senior Manager of Technical Governance & Assurance Global Technical Solutions Tower 3 PETRONAS 50088 Kuala Lumpur +60126261156 ezmal_arashid@petronas.com.my			<b>Dr Nursakirah Ab Muton</b> Senor Lecturer School of Computer Science Universiti Sains Malaysia 11800 USM Gelugor, Penang +60125638384 nursakirah.arm@usm.my		