

HAMIRUL SYAKIR SUWARDI

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WORK EXPERIENCE

BASF Asia-Pacific Service Centre Sdn Bhd

MOBILE AND WEB DEVELOPMENT (INTERN)

AUG 2024 – Present

- Prepared sample scripts for API testing using Postman.
- Developed web applications using Vue.js and mobile applications using Flutter..
- Managed code versioning and collaboration using Git and GitLab.

Commerce International Merchant Bankers Berhad (CIMB)

DIGITAL APPRENTICESHIP (INTERN)

AUG 2023 – OCT 2023

- Prepared sample script for api testing using Postman
- Develop JAVA Spring Boot Microservices to be used as the BE for the in-house CIMB projects.
- Using Git, Gitlab to maintain the code.

SM SCIENCE SEMBRONG

ADDITIONAL MATHEMATICS TUTOR (PART TIME)

AUG 2019 – MAY 2020

- Taught additional mathematics concepts to students through both individual and group sessions.
- Assisted students in preparing for exams by reviewing key topics and solving past papers.

EDUCATION

National University of Malaysia (bachelor's degree)

Malaysia

OCT 2021 – 2024

- Pursuing Bachelor of Software Engineering with Honors (Multimedia System Development)
- Dean's List for 6 semesters
- Current CGPA 3.80
- Joining AR/VR competition

National University of Malaysia (Foundation in ASASI PINTAR)

Malaysia

JULY 2020 – JULY 2021

- Pursuing foundation in Science (ASASI PINTAR) at UKM
- Obtain 3.8 CGPA

PROJECTS

FUN WITH MATH (Game Development)

MAR 2023 – JULY 2023

- Developed a math-based educational game using Unity Hub.
- Implemented first-person controls for player interaction within the game.
- Integrated Firebase Realtime Database to manage user scores and information.
- Designed and created 3D environments and models using Blender to enhance the game's visual experience.
- Utilized C++ and C# for game logic, scripting, and functionality.

CLOTHING INFORMATION SYSTEM (Web System)

MAR 2023 – JULY 2023

- Developed a web system for managing clothing information.
- Used PHPMyAdmin for database management and PHP as the backend language.
- Implemented a reactive user interface using HTML, CSS, and JavaScript.

MUSIC PLAYER BOX (Mobile Application Development)

AUG 2022 – JAN 2023

- Android Studio for app development using Java.
- Android Media Player API for audio playback.
- SQLite database for storing music metadata and playlists.
- XML for designing the user interface.

CARPOOLING SYSTEM DEVELOPMENT (Software Engineering)

NOV 2022 – FEB 2023

- Developed a carpooling system using Java and Android Studio
- Integrated Firebase Firestore Database to manage users information
- Implemented key features such as real-time location tracking and route optimization algorithms.
- Engaged in iterative development cycles and followed agile methodologies to deliver timely and high-quality software.
- Documented codebase and provided user manuals and developer guides for reference and maintenance.

ACHIEVEMENTS

Best Award for Innovation (Final Year Project)	2024
<ul style="list-style-type: none">• Issued by National University of Malaysia	
6 x Deans Awards (Degree)	2024
<ul style="list-style-type: none">• Issued by National University of Malaysia	
Bronze Awards in AR/VR Competition	2022
<ul style="list-style-type: none">• Issued by National University of Malaysia	
Got Merit in Kuiz Kimia Kebangsaan (K3M)	2019
<ul style="list-style-type: none">• Issued by Malaysia Institute Of Chemistry	
Got Merit in International Mathematical Olympiad	2019
<ul style="list-style-type: none">• Issued by IMO Malaysia	

SKILLS

Coding languages: Java - JavaScript – SQL - PHP – R Programing - VB.net – Python – C# – Dart – HTML

Tools & Software: Git – GitHub

Visualization: Tableau – R Studio

Designer Tools: Adobe Photoshop – Adobe Premiere Pro – Figma – Overflow – Adobe Animate

Languages: English (Native Proficiency) - Bahasa Melayu (Native Proficiency)