



ZAKIRAH BINTI SHARIFUDDIN

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GitHub: <https://github.com/zakirahsharifuddin>

Portfolio: <https://zakirahsharifuddin.github.io/ZakirahSharifuddin/>

SUMMARY

Enthusiastic computer science student from Universiti Sains Malaysia (USM) majoring in software engineering, on the verge of graduation, eager to apply technical expertise to a dynamic team. Proficient in various programming languages and adept at problem-solving. A collaborative team player with strong leadership skills. Seeking an entry-level position in IT or related field to leverage my legal and background skills. Available for immediate employment, driven to excel in a software engineering role.

EDUCATION

Universiti Sains Malaysia (USM)

Bachelor of Computer Science (Honours)

Gelugor, Penang

September 2019 – August 2023

- Major in Software Engineering
- Minor in Management
- Grade: 3.36 (CGPA), Dean List Award for Semester 3

Universiti Technology MARA (UiTM), Dengkil

Foundation in Engineering

Dengkil, Selangor

June 2018 - April 2019

- Grade: 3.89 (CGPA), Dean List Award for all Semester

Malaysian University English Test (MUET)

- Grade: Band 3

Banting, Selangor

December 2018

EXPERIENCE

Teaching Assistant | Universiti Sains Malaysia

October 2022 - February 2023

Assisted in the Computer Organization course as a Teaching Assistant and improved students' understanding and performance in the course. Provided invaluable support and guidance to individual students and small groups by facilitated their comprehension of course material and assisted them with completing tutorials.

Computer Science Intern | First Solar(M), Kulim

March - September 2022

Internship in the Integration team to automate data collection for daily reports. Designed a streamlined system to compile and distribute data via packages and emails for daily meetings and increased efficiency in data management and reporting processes.

Participant of Can You Hack It, ASEAN Edition | Online

September 2021

Collaborated in the development of the "Money Me" website that contributed to the successful creation of an educational platform for financial literacy. Focused on fostering financial management and savings skills among children by engaged in the "Can You Hack It, ASEAN Edition" competition.

AWARDS

Project Innovation & eXploration in CS Education and Learning (PIXEL)

July 2023

Universiti Sains Malaysia, Penang

- Received the Bronze Award in the Software Engineering category for the MyEventOrg system, showcasing excellence in the Workspace Creator, Marketing & Dashboard, and Activities & Award subsystems.

CREATIONS de UiTM Mega Innovation Carnival

December 2018

Universiti Teknologi MARA (UiTM), Dengkil

- Received the Gold Award for the innovative Sleeping Eye Mask with blue and red-light implementation, enhanced by audio support, aimed at promoting better sleep.

PROJECT

Marketing and Dashboard Subsystem: Final-Year Project

October 2022 – July 2023

Led the development of a comprehensive event management and souvenir handling system at the School of Computer Science, USM that enhanced event coordination, souvenir handling, and facilitated system administration. Developed and integrated three components for efficient gift management and authentication to establish an e-commerce platform for buying and selling merchandise, integrating the Marketing & Dashboard subsystem with Workspace Creator and Activities & Award Subsystem.

GitHub Repository: <https://github.com/zakirahsharifuddin/Marketing-Dashboard>

Automated Integration Daily Report

September 2021 – March 2022

Created a seamless process for data collection and report generation by utilizing JMP and Excel to extract and process data automatically, reducing manual effort. Developed a system to automate daily reports from data collection to report generation using JMP, Excel, and task scheduler that successfully automated the daily reporting process, enabling easy modifications to report as needed, and saving time for the team.

JomShare: Sustainable Surplus Food Website

September 2021

Developed location-based functionality to connect surplus food with people in need by utilizing GitHub to collaboratively develop the JomShare website. Engaged in an innovative sustainability project to create a surplus food website and contributed to promoting food sharing and achieving SDG2: Zero Hunger.

GitHub Repository: <https://github.com/zakirahsharifuddin/JomShare>

MoneyMe: Hackathon Competition

August 2021

Designed interactive features and educational content for effective savings management to develop the MoneyMe website with an engaging theme to attract kids while created an innovative platform to teach kids about saving effectively.

GitHub Repository: <https://github.com/zakirahsharifuddin/MoneyMe>

USM Finder Kit: Android Application

January 2021

Created an application to provide information about schools and hostels in USM by utilizing Java in Android Studio and integrated a feedback system. Developed an Android app for the USM Finder Kit project that improved access to crucial information for students and visitors.

GitHub Repository: <https://github.com/zakirahsharifuddin/Finder-Kit>

Journal Studio: Database-Driven Website

November 2020

Collaborated with a team to design and implement the website's features by utilizing HTML, PHP, CSS, and SQL to create a database-driven platform. Contributed to the development of a note storage website that provided users with an efficient and organized way to store notes.

GitHub Repository: <https://github.com/zakirahsharifuddin/Journal-Studio>

ADDITIONAL INFO

Major Courses: Software Architecture and Design, Software Process and Quality Assurance, Software Testing, Web Engineering & Technologies, Fundamentals of Logic and Artificial Intelligence, Management & Engineering of Databases

Language: Native Speaker in Malay, Professional Working Proficiency in English

Technical Skill: C++, C, Java, Python, PHP, HTML, CSS, SQL, Arduino UNO, Web & Android Development, JMP, VBA, React

Soft Skill: Active listening, Time and project management, Problem-solving, Teamwork, Critical thinking

REFERENCE

Name: Dr. Nor Athiyah Abdullah

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Final-Year Project Supervisor
Universiti Sains Malaysia, Penang

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Academic Advisor
Universiti Sains Malaysia, Penang