



MUHAMMAD NURHAFIZ BIN JUHEIRI

FRESH GRADUATE

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SUMMARY

Motivated and skilled Information Systems Engineering graduate passionate about solving business problems through software development or data analysis. With hands-on experience in front-end and back-end development using HTML, CSS, JavaScript, and PostgreSQL, enhanced strong technical skills throughout studies. Additionally, certified in Power BI Essential Training, with practical experience in data visualization gained through my internship as a Business Analyst. Eager to contribute to the software development life cycle, continuously grow my knowledge, and apply my expertise in creating and maintaining effective IT solutions.

WORK EXPERIENCE

Business Analyst Internship, SD Guthrie Berhad

Sep 2024 - Feb 2025

- Analyzed interview insights to identify process inefficiencies and lead to recommendations for operational improvements.
- Updated machine allocation and maintenance process mapping by incorporating stakeholder feedback
- Compiled and analyzed IT/OT assessment survey data from multiple refineries to support digital transformation initiatives
- Managed follow-up communications to ensure the timely updates of IT/OT assessments across refineries
- Acquired expertise in Power BI through LinkedIn Learning
- Designed and built comprehensive dashboards for 2024 data visualization while effectively utilizing the skills obtained from Power BI Essential Training certification

EDUCATION

Bachelor of Information Systems (Hons.) Information Systems Engineering

Oct 2021- Feb 2025

University of Technology Mara (UiTM), Jasin Melaka

CGPA: 3.32

Malaysia Matriculation Program – Module III

July 2020 - May 2021

Perak Matriculation College, Gopeng

CGPA: 3.33

MUET: Band 3

PROJECT RELATED

Machine Allocation & Maintenance Process Mapping

An internship project focused on process mapping related to machine allocation and maintenance.

- Transcribed interview recordings to identify opportunities and risks in the current process.
- Engaged with stakeholders and related teams to validate the updated process mapping
- Gained hands-on experience with Agile methodology throughout the project, enhancing adaptability and collaboration.

Pawtarian Adoption System - Connecting Pets with New Owner

Final year project aimed at connecting pets with new owners through a dedicated system.

- Collaborated with stakeholders to gather and analyze system requirements to ensure the system aligned with user needs and expectations.
- Documented functional and non-functional requirements in Software Requirement Specification (SRS)
- Designed system architecture in Software Design Document (SDD).
- Designed and managed a database using TablePlus and pgAdmin4
- Developed and implemented the system using Java language, HTML, CSS, JavaScript and PostgreSQL

Badminton Court Booking System

A group project dedicated to developing a booking system for badminton courts.

- Cooperated closely with the team and stakeholders to assess requirements and design a system tailored to meet user needs and expectations.
- Designed and managed a database using TablePlus and pgAdmin4
- Contributed to the development for front end and back end of the system using Java, HTML, CSS, JavaScript, and PostgreSQL

Starbucks Website - Front End Development

Group project to develop a front-end website for Starbucks.

- Collaborated with the team to build a front-end website from scratch, using Starbucks' design and functionality as a reference for UI/UX.
 - Focused on creating and implementing the feedback section to ensure a seamless user experience using HTML and CSS.
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CERTIFICATIONS

- Power BI Essential Training Nov 2024
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AWARDS AND RECOGNITION

- Dean List Award Semester 2 - Session 2021/2022 Aug 2022
 - Dean List Award Semester 6 - Session 2023/2024 Aug 2024
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EXTRACURRICULAR ACTIVITIES

- Service-Learning Malaysia University for Society (SULAM)** Jan 2023
 - Volunteered as Security Committee Member
 - Involved in mangrove tree planting, team activities, and cleaning at Pulau Besar, Melaka.

- Educational Visit to Setel Ventures Sdn Bhd** June 2023
 - Served as Souvenir Committee Member.
 - Participated in an educational visit focused on exploring software improvement strategies within the company
 - Managed the end-to-end process of souvenir curation and acquisition

- Educational Visit to Etiqa General Insurance Berhad** June 2024
 - Appointed as Transportation Committee Member.
 - Attended an educational visit centered on IT security
 - Organized transportation logistics for events, ensuring smooth event execution.
 - Ensured the inclusion and comfort of all participants while traveling and upon arrival at each destination.
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SKILLS

Technical Skills:

- Programming Languages: Java, JavaScript, C++
- Web Development: HTML, CSS, Bootstrap
- Database Management: TablePlus, PostgreSQL & MySQL
- Documentation: Software Requirement Specification (SRS), Software Design Document (SDD)
- Operating Systems: Windows
- Software & Tools: Eclipse, Visual Studio Code, NetBeans, Draw.io. StarUML, Lucidchart
- Data Visualization: Microsoft Power BI

Soft Skills

- Good collaborator with strong time management, problem-solving, and critical thinking skills, adaptable to new challenges and evolving environments.

Language:

- Malay (Native)
 - English (Intermediate)
 - Arabic and mandarin (Low proficiency)
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AVAILABILITY

Available for full-time employment beginning 3 March 2025.

REFERENCES

Madam Noor Afni Binti Deraman

Supervisor for Final Year Project

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Mr Suhaimi Misran

Supervisor Industry for Internship

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