DHIYAURRAHMAN BIN DANIAL

+60 14-533 2637 | dhiyadanial@gmail.com | linkedin.com/in/dhiyadanial/

IT Executive with hands-on experience in backend development and database administration. Currently leading the Database Unit at a university, overseeing database operations, upgrades, and support for application teams. Motivated to apply my technical and leadership skills to deliver reliable and scalable IT solutions.

EDUCATION
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UNIVERSITI MALAYSIA PAHANG AL-SULTAN ABDULLAH (UMPSA)   **Pekan, Pahang**
Bachelor of Computer Science (Software Engineering) with Honours   *Sept 2019 - Aug 2023*
CGPA (3.69/4.00) | Dean's List (for 6 Semesters)

KOLEJ MATRIKULASI PAHANG (KMPh)   **Gambang, Pahang**
Pure Science (Module 3) | Computer Science, Biology   *Apr 2018 – Apr 2019*
Matriculation Certification CGPA (3.65/4.00)

PROFESSIONAL EXPERIENCE
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UNIVERSITI MALAYSIA PAHANG AL-SULTAN ABDULLAH   **Pekan, Pahang**
Full-Time Contract, IT Executive   *Dec 2025 – Current*
- Appointed as Database Unit lead at the Centre for Digital Technology.
- Lead the planning, administration, monitoring, and performance tuning of the university's database system.
- Oversee and coordinate all database-related projects.

FLOW STUDIOS SDN. BHD.   **Cyberjaya, Selangor**
Full-Time Contract, Project Engineer   *Feb 2024 – Nov 2025*
- Back-end engineer for web application projects using Express.Js.
- Leading developer team to build a mobile application using React Native.
- Handle basic DevOps for pushing codebase to production environment.
- Assisted in R&D and installation of Internet of Things (IoT) systems nationwide.

FLOW STUDIOS SDN. BHD.   **Cyberjaya, Selangor**
Internship, Software Engineer Intern   *Oct 2023 – Jan 2024*
- Prepared IoT sensors and system components for assembly (wiring, soldering, etc.).
- Configured IoT system (Smart Aquaculture System) for 22 aquaculture ponds on-site in Selangor, N. Sembilan, Malacca, Johor, and Sarawak.

PRISMA HARTA SDN. BHD.   **Gelang Patah, Johor**
Internship, Web Engineer Intern   *Mar 2023 – Aug 2023*
- Assisted in the development of Tenancy Management System for Rumah Iskandar Malaysia.
- Analysed user requirements to create UML diagrams and update system documentations.
- Aided in system testing, deployment and document preparations.

HONOURS & COCURRICULAR ACTIVITIES
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BEST ROOKIE AWARD 2023   **Flow Studios Sdn. Bhd.**
FS Appreciation Night 2023   *December 2023*

- Award given in recognition of efforts during internship at Flow Studios.
- Selected based on staff and other trainee's votes.

ANUGERAH KECEMERLANGAN HEITECH   **UMPSA**
18th UMPSA Convocation Ceremony   *October 2023*

- Excellence Award in recognition of achievements during studies including for receiving Dean's List Award for 6 semesters and being active in cocurricular activities.

PERSATUAN TEKNOLOGI KOMPUTER (PETAKOM)   **UMPSA**
Deputy Head of Academic & Welfare Portfolio   *2020/2021 Session*

- Coordinated university programmes to improve Faculty of Computing (FK) students' academic performance.
- Oversaw and assisted in solving students' welfare issues (including during MCO).
- Acted as a bridge between faculty management and lecturers with faculty students.

SOFTWARE PROJECTS
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PRE-DELIVERY INSPECTION SYSTEM   **Flow Studios Sdn. Bhd.**
Lead Developer   *Nov 2024 – Current*

Description: An internal multi-platform system (web app & mobile app) for use by a vehicle inspection centre company.

Used: Express.js, React Native, Remix.js, HTML & CSS, JavaScript, MySQL, Apache, Visual Studio Code

- Elicited requirements from stakeholders and analyse them to create User Requirement Specification (URS).
- Created high-fidelity UI designs in Figma to facilitate requirements gathering and ease development.
- Created Express.js backend server API
- Coordinating team to develop web app and mobile app front-end.

TENANCY MANAGEMENT SYSTEM   **Prisma Harta Sdn. Bhd.**
Assistant Programmer   *Mar 2023 – Aug 2023*

Description: An internal web application for Prisma Harta staffs to manage Rumah Iskandar Malaysia

Used: Groovy & Grails, MySQL, HTML & CSS, JavaScript, and Netbeans IDE

- Elicited requirements from stakeholders and analyse them to create UML diagrams (use case and object modelling diagrams).
- Designed system interaction and initial programming logic using *screenflow* diagrams.
- Handled a part of business data transition from Excel sheets to MySQL database.
- Developed a page for tenancy data analytics dashboard to summarise data from database.
- Updated system documentations (requirements & design documentation and UAT).
- Assisted in all phases of development including testing and deployment.

SMART LETTUCE HYDROPONICS SYSTEM (SMARTLET)   **UMPSA**
Final Year Project   *Mar 2022 – Feb 2023*

Description: A project to research and develop a system comprising of 3 components (IoT, AI & Mobile App) to monitor and manage a small lettuce hydroponics farm

Used: C++ (Arduino IoT), Firebase, Python (AI), Dart & Flutter Framework (Mobile App)

- Researched requirements on smart hydroponics automation system.
- Partially setup IoT environment sensors to check on lettuce environment readings that are important to its growth.
- Researched and partially developed an Artificial Neural Network (ANN) algorithm to predict lettuce growth based on readings from IoT sensors.
- Developed a mobile application (SMARTLET) to display readings and manage the hydroponic lettuce setup.
- Setup Firebase to store all required data sent to and from IoT sensors and mobile application.

TECHNICAL SKILLS
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- Express.js
- React Native
- MySQL
- Oracle DB
- PHP (Laravel)

- HTML/CSS/JavaScript
- Groovy (Grails)
- Python
- C++ (Arduino)
- Dart (Flutter)

- Visual Studio Code
- GitHub Desktop (Git)
- Ubuntu
- Microsoft Office
- Photography & Videography

SOFT SKILLS
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- Organisational skills
- Teamwork & collaboration

- Leadership
- Adaptability

REFERENCE
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MR. MOHD SYAFIQ BIN ZAHARI
Project Manager, Flow Studios Sdn. Bhd.
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MR. MUHAMMAD MUHSIN BIN MOHD ASRI
(Previous Industrial Supervisor at Flow Studios Sdn Bhd)
Junior Solution Engineer, SR Two Technologies Sdn Bhd.
Phileo Damansara 1, Pusat Perdagangan Phileo Damansara,
46350 Petaling Jaya, Selangor.
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