



# DHIYAUURRAHMAN BIN DANIAL

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Equipped with fundamental knowledge of Software Development Lifecycle (SDLC). Motivated to utilize my technical and programming skills to assist your company's IT Department to develop or maintain your applications.

## EDUCATION

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### UNIVERSITI MALAYSIA PAHANG AL-SULTAN ABDULLAH (UMPSA)

Bachelor of Computer Science (Software Engineering) with Honours  
CGPA (3.69/4.00) | Dean's List (for 6 Semesters)

Pekan, Pahang

Sept 2019 - Aug 2023

### KOLEJ MATRIKULASI PAHANG (KMPH)

Pure Science (Module 3) | Computer Science, Biology  
Matriculation Certification CGPA (3.65/4.00)

Gambang, Pahang

Apr 2018 – Apr 2019

## PROFESSIONAL EXPERIENCE

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### FLOW STUDIOS SDN. BHD.

Full-Time Contract, Project Engineer

Cyberjaya, Selangor

Feb 2024 – Current

- 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.

Internship, Software Engineer Intern

Cyberjaya, Selangor

Oct 2023 – Jan 2024

- Prepared IoT sensors and system components for assembly (wiring, soldering, etc.).
- Assisted in QC process for industrial Internet of Things (IoT) sensors and system.
- Created and managed dashboards to display readings from IoT systems.
- Configured IoT system (Smart Aquaculture System) for 22 aquaculture ponds on-site in Selangor, N. Sembilan, Malacca, Johor, and Sarawak.

### PRISMA HARTA SDN. BHD.

Internship, Web Engineer Intern

Gelang Patah, Johor

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

FS Appreciation Night 2023

Flow Studios Sdn. Bhd.

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

18<sup>th</sup> UMPSA Convocation Ceremony

UMPSA

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)

Deputy Head of Academic & Welfare Portfolio

UMPSA

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

Lead Developer

Flow Studios Sdn. Bhd.

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

Assistant Programmer

Prisma Harta Sdn. Bhd.

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.

**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          | ● Groovy (Grails) | ● Visual Studio Code        |
| ● React Native        | ● Python          | ● GitHub Desktop (Git)      |
| ● MySQL               | ● C++ (Arduino)   | ● Ubuntu                    |
| ● PHP (Laravel)       | ● Dart (Flutter)  | ● Microsoft Office          |
| ● HTML/CSS/JavaScript | ● Java            | ● Photography & Videography |

## SOFT SKILLS

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|----------------------------|----------------|
| ● Organisational skills    | ● Leadership   |
| ● Teamwork & collaboration | ● Adaptability |

## REFERENCE

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### MR. MOHD SYAFIQ BIN ZAHARI

Project Manager, Flow Studios Sdn. Bhd.

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63000 Cyberjaya, Selangor.

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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.

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