

Muhammad Hazim Bin Mohd Hafis

Software Engineer

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Work Experience

Software Engineer @ MDR TECH

Jan 2019 – Present | Bangi, Selangor

Client: WebNIC

- Responsible building and API for a multitenancy e-Commerce Project based on client's requirements Using Laravel 5+ (PHP framework) and MySQL.
- Responsible designing and fixing front-end side of multitenancy e-Commerce project using Angular.
- Work closely with multi-disciplinary teams of engineers, designer and manager on daily basis.

Client: Xpert

- Built admin dashboard panel using HTML, CSS, JavaScript, and Bootstrap 4 framework.
- Interfaced with client to discuss the design for their web application on weekly basis.

Client: AMIC (Aerospace Malaysian Innovation Centre) & Airbus Singapore

- Responsible building web application for Hangar of The Future Project using Angular.
- Responsible building, designing and testing API using Express (JavaScript framework), Sequelize ORM to provide data to the front-end.
- Responsible integrating IoT (internet of things) and visualize it to the front-end.
- Deploying Node Application in Amazon EC2 instance.
- Deploying web application in Amazon EC2 instance.
- Responsible troubleshooting, bug fixing, testing and implementing new features to the front-end.
- Worked closely with AMIC project manager to deliver project on Time/Cost/Quality.

Academic Qualifications

Universiti Kebangsaan Malaysia

(Bachelor of Software Engineering (Multimedia System Development))

Sep 2015 – Nov 2019 | CGPA: 3.40

Subjects taken:

Computer programming (Java), Discrete mathematics, Data structure & algorithms, Platform technology,

Database, Multimedia programming, Advanced database, System requirements engineering, Mobile

Programming (Android), Animation, Multimedia system design, Web programming,

Digital audio and video technology, Multimedia system development, Software maintenance and management,

3D modeling, Virtual Reality, Graphic design.

Participated in:

- Programming Challenge Competition (PCC) hosted by Faculty of Information Science and Technology UKM. Won 4th place
- ACM ICPC Al-khawarizmi National Programming Contest hosted by International Islamic University Malaysia (IIUM).
- The Code hosted by Universiti Sains Islam Malaysia (USIM). Won 3rd place.
- Aturkreatif hosted by Universiti Teknologi Malaysia Melaka (UTeM)
- Video Innovation Competition hosted by Faculty of Information Science and Technology UKM.
- Introduction to Industry 4.0, Penang Skills Development Centre, funded by UKM.

Final Year Project Overview: Recycle Gamification System (Recycle-it).

- A web application built with Laravel 5.5. This system is built to encourage people recycle more with gamification concept. This system involves the users and companies in which the company is registering for this program and can interact with users who have been enrolled in this system for the process of buying and selling the materials to be recycled such as glass, beverage cans, paper, and so forth. A reward will be given to the user when the user recycles their waste.

Skills

Programming Skills

JavaScript (ES5+), PHP, HTML, CSS/Sass, TypeScript, Java, C#.

Libraries & Frameworks

Node.js, Angular, Express, Laravel, Sequelize ORM.

Tools & Platforms

Git, Heroku, Amazon Web Services.

Design

Adobe Photoshop & Adobe Illustrator.

Interests

Taking photos, playing guitar and gaming.