

# NURUL AQILAH AHMAD

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Motivated and dedicated individual with a passion for programming seeks hands-on experience through the collaboration of a team with professionals. Strong foundation in software development concepts and eagerness to learn new emerging technologies and keep up with latest trends.

## EMPLOYMENT HISTORY

### MAY 2024 – PRESENT

#### WEBSITE DEVELOPER (FREELANCE)

- Create mockups and design prototypes using Figma to test the website concept according to the requirements and needs from stakeholders.
- Build websites using a hosting provider, Content Management System (CMS) and eCommerce to manage the website architecture, content and database.

### SEPTEMBER 2023 – MAY 2024

#### Z WAY IT SDN. BHD.

##### WEB DESIGNER

- Designed an interactive prototype using Figma to revamp the presentation of in house website; Implemented a brand-new design for the website and improved the web architecture that are based on the requirements.
- Translated UI/UX design from Figma to clean, efficient and well-documented code to enhance web layout.
- Provided ongoing website maintenance and updates using Astro, Wordpress, AWS Amazon S3 and Strapi to maintain websites with time-sensitive information.

### OCTOBER 2022 – FEBRUARY 2023

#### CIDB HOLDINGS SDN. BHD.

##### WEB DEVELOPER INTERN

- Developed a web application using PHP, MySQL, Javascript, HTML, CSS and Bootstrap; Integrated the feature of automating SHASSIC score calculation and tabulating printable real-time results.
- Designed an animated character using Mixamo to download relevant character and animation, and Blender to modify and rig the character; Built a chatbot mascot for company's website.
- Conducted website maintenance using WordPress; Modified the web layout and inserted function to play videos from Youtube by utilizing plugins.

## PROJECT EXPERIENCE

### WEBSITE FOR NESTMATRIX SOLUTION SDN. BHD.

#### HOSTINGER, WORDPRESS, WOOCOMMERCE, PHP, CSS

- Collaborated with colleague to obtain domain and host the website using Hostinger and build website using Wordpress to manage the website architecture and content.
- Integrated eCommerce features using WooCommerce into the website so that the user can register to training courses and make payment upon registering.

### QLASSIC VR TRAINING

#### VIRTUAL REALITY, XR INTERACTION TOOLKIT, C#, CLOUD FIRESTORE FIREBASE, UNITY3D

- Wrote the algorithm of quiz and hands-on using C# and Unity3D; Developed the training flow of user registration, quiz answering, hands-on exercise, and leaderboard display from Cloud Firestore Firebase.
- Configured the user interaction with the virtual objects and environment, that are designed in Unity3D, by using XR Interaction Toolkit; The user can use the virtual keyboard, virtually touch and grab object, and push virtual button via XR Ray Interaction, XR Grab Interactable and XR Poke Interactor.

### WEB-BASED SHASSIC CALCULATOR

## PHP, JAVASCRIPT, MYSQL, HTML, CSS, BOOTSTRAP, FIGMA

- Wrote the code using PHP for the feature of assessing the checklist from MySQL; Allowed user to select the compliancy status and leave remarks of the assessed construction projects.
- Programmed the feature of resetting password and editing email; Permitted user to update password and email after entering the code verification sent to the user's email.
- Coded on the feature of adding new assessment into the MySQL database and updating the assessment; Inserted and updated the database according to the user input.

## HEALTH FITNESS CENTRE SYSTEM

### LARAVEL, MYSQL, GOOGLE CLOUD, RUNCLOUD, GITHUB

- Manipulated the system database (MySQL) by writing queries using MVC model; Managed the database with efficient and organized code by using Laravel framework.
- Integrated and deployed the system to the cloud server using Google Cloud and Runcloud.
- Managed the project Git repositories utilizing Github; Committed push and pull queries to control the project versioning and collaborated with other team members.

## UTM LIBRARY ROOM BOOKING SYSTEM

### DART, FLUTTER, FIREBASE

- Implemented the function of student and admin user book and manage library room respectively in a mobile application using Dart and Flutter via MVVM model.
- Integrated the database to store user and room data into Firebase so that the user can access and manipulate their profile and room information.

## LIBRARY CATALOG SYSTEM

### JAVA, OBJECT-ORIENTED PROGRAMMING (OOP)

- Developed the feature of librarian user conduct the catalog of journals, magazines or study books that are inherited from book object through Object-Oriented Programming (OOP) using Java.
- Troubleshoot and resolved bugs that issue inappropriate display of books catalog by reviewing and refactoring logic so that the performance is optimized.

## EDUCATION

SEPTEMBER 2019 – JULY 2023

UNIVERSITI TEKNOLOGI MALAYSIA JOHOR BAHRU

BACHELOR DEGREE OF COMPUTER SCIENCE (GRAPHICS AND MULTIMEDIA SOFTWARE)

- Graduated with Honours (CGPA of 3.80)

## SKILLS

- HTML, PHP, JavaScript, MySQL, CSS, Laravel, Java, Bootstrap, Ajax, Astro, JQuery, WordPress, C++, C#, Unity3D, Git, Figma, Cloud Firestore Firebase, Oracle, Flutter, Dart, UI/UX Design, Visual Studio Code, GitHub, GitLab

## TRAINING & CERTIFICATES

- Certified Microsoft Office Specialist: Excel 2019 Associate (Date of Achievement: August 17, 2023)
- DEGREE++ MAYA Workshop

## ADDITIONAL INFORMATION

- **Language:** Malay, English.
- **Last drawn Salary and Expected Salary (per month):** RM3,000 & RM3,500
- **References** are available upon request.