NURUL AQILAH AHMAD

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A 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

JUNE 2024 – PRESENT
MILLENNIUM RADIUS SDN. BHD.

SOFTWARE DEVELOPER

- Developed responsive and interactive webpages with a systematic file structure using Jmix and Vaadin and called API to make request to the server.
- Built responsive and interactive webpages using HTML, Tailwind CSS, TypeScript, and Angular and utilized JSON responses from APIs using Postman to update the webpage content in real-time, improving user interaction and experience.
- Managed and resolved technical helpdesk tickets by troubleshooting the issues raised by users and client to ensure that overall downtime for users is reduced.

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

PERSONAL PORTFOLIO WEBSITE

REACT, CHAKRA UI, TAILWIND CSS, CSS, HYGRAPH, GITHUB, VERCEL

- Developed a minimalistic personal website using React framework and made it responsive by utilizing Tailwind CSS and CSS to write portfolio and document my works which managed by using Hygraph and then deployed it using Vercel.
- Built an Archive page to list all projects done with a search function to filter projects, and a Contact page with a contact form to allow users send message to my email inbox by using EmailJS.

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

- Jmix, Vaadin, React, Angular, Tailwind CSS, Hygraph, 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 Java Foundations Associate** (Issued by: Oracle, Date of Achievement: August 23, 2024)
- **Certified Microsoft Office Specialist: Excel 2019 Associate** (Issued by: Microsoft, Date of Achievement: August 17, 2023)

ADDITIONAL INFORMATION

- **Language**: Malay, English.
- **Current Salary** is disclosed upon request.
- **References** are available upon request.