

ALYA NAZIRAH

Fresh Graduate, Information Technology Student

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CAREER OBJECTIVE

Recent Information Technology graduate with a strong academic background and hands-on experience in software development. Skilled in problem-solving, adaptability, and software engineering. Seeking to contribute to any role within the software development process by applying technical expertise to real-world projects and driving innovative solutions. Available to start in early October 2024 and eager to contribute to the success and growth of a dynamic organization.

EDUCATION

Foundation Certificate in Software Engineering, TalentLabs

Sept. 2024 – Present

- Learned fundamentals in JavaScript, SQL, HTML, CSS, and software engineering essentials through lectures and hands-on experience with mini projects, enhancing overall skill proficiency.
- Built a tic-tac-toe game using JavaScript, capturing user input through the command line, enhancing problem-solving skills.
- Conducted data analysis using a framework to understand business and technical contexts, tables, and fields, leading to actionable insights.
- Designed an ER diagram for an e-commerce website database, improving database design capabilities.

Bachelor of Information Technology (Hons.), Universiti Teknologi MARA

Mar. 2022 – June 2024

Final CGPA: **3.58 / 4.00** MUET: **4**

EXPERIENCES

Software Developer Intern, INMA Tech Sdn. Bhd.

Mar. 2024 – June 2024

Cosmogoodness Project

- Built a CRM system using CodeIgniter 3 and MySQL to manage orders, invoices, and receipts, improving data accuracy and workflow efficiency.
- Enhanced the dashboard with JavaScript and AJAX, using RESTful APIs to display sales analytics and product trends, resulting in improved decision-making.
- Troubleshoot issues by analyzing project logs and browser tools, reducing system errors.

Blastify Project

- Developed a SaaS platform using CodeIgniter 4 and Twig, optimizing frontend performance and user experience.
- Resolved client issues via the Monday work management system, leading to faster ticket resolution.
- Integrated the WhatsApp API for automated messaging, improving customer engagement with timely responses.

PAST ACADEMIC PROJECTS

CookSmart: Healthy Meal Planning Mobile Application, Final Year Project

Oct. 2023 – Feb. 2024

- Developed a Java-based mobile app enabling users to browse nutritious recipes, create meal planners, and receive recipe recommendations based on diet preferences using Mobile Application Development Lifecycle (MADLC) methodology including identification, design, development, and testing phases.
- Identified system requirements through literature reviews from online databases such as IEEE Xplore and ScienceDirect, and by analyzing existing applications in the market.
- Designed storyboard conception and lo-fi user interface using Canva, and created diagrams such as use case, flowchart, hierarchical model for database design, IT infrastructure architecture, and sequence diagram using Lucidchart and draw.io.
- Created the user interface (UI) using XML to define layouts and UI elements, such as buttons, text fields, and images.
- Integrated Firebase for effective data management, including real-time database, authentication, and cloud storage.
- Conducted usability testing to evaluate the app's user experience and usability using the System Usability Scale (SUS) tool.
- Utilized Git for version control throughout the project.

Coffee Ordering Web Based System, Coursework Project

Jul. 2023

- Designed Entity Relationship Diagram (ERD) using draw.io to outline the database structure.
- Developed the web-based coffee ordering system using HTML, Bootstrap (for responsive design and styling), PHP, and MySQL.
- Utilized XAMPP for local development, which included running Apache as the web server and MySQL for database management.

SKILLS

- **Major and Specialization:** Web Technology and Application, Mobile Technology and Development, Data Management System, Information Technology Service Management, Computing Project Management, Information Systems Engineering
- **Web Development:** HTML, CSS, JavaScript, Bootstrap 5, PHP, CodeIgniter
- **Programming Languages:** Java, C++, SQL
- **Database Management:** MySQL, Firebase, Oracle
- **Mobile Development:** Android SDK, XML, Firebase (Real-time Database, Authentication, Cloud Storage)
- **Tools:** Microsoft Office, Git
- **Languages:** Native Malay, Fluent in English, Basic Japanese

EXTRACURRICULAR ACTIVITIES

PPKomp Programming Competition 2023

Oct. 2023

- Participated in a Coding Competition, solving problems using C++.

ACHIEVEMENTS AND AWARDS

Vice Chancellor's Award, Diploma in Computer Science

Dean's List, Bachelor of Information Technology (Hons.)

Semester 3, Semester 4, Semester 5, Semester 6