MINGYANG (ADRIAN) WANG

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SUMMARY

Full Stack Developer skilled in building responsive web applications and e-commerce sites using ReactJS, and modern frameworks like Tailwind CSS and Shadcn-UI. Proficient in back-end development with Express.js for API creation, AWS Lambda, and API Gateway for serverless architecture. Experienced in WordPress development, API integration, and optimizing site performance. Adept at using Agile methodologies to deliver scalable, high-quality solutions.

EDUCATION

Royal Melbourne Institute of Technology (RMIT)   Finished-2022

Bachelor Of Computer Science

SIKLLS

Programming/Scripting Languages: JavaScript/TypeScript, HTML5, CSS, Java, PHP.

Framework/Library: ReactJs, ExpressJs, Bootstrap, Tailwind, Shadcn-UI.

Tools: Git, npm, Vite, Chrome DevTools, Figma, Jira, AWS.

WORK EXPERIENCE

Frontend Developer | 2Cloud Technology Pty Ltd.   Sep 2023 to Apr 2024

Responsibilities: Developed, tested, and optimized web applications to meet project requirements. Conducted client meetings to understand their needs and provide suggestion to improve projects outcomes and align with business goals.

Product Description: Online promotional product order system, including product customization, bulk ordering, secure payment options.

Technologies: JavaScript, HTML, SASS, Tailwind, Bootstrap, PHP, GraphQL, RESTful API.

- Developed responsive e-commerce websites using WordPress with the Sage template. Utilized **HTML**, **SASS** and **JavaScript** for front-end construction.

- Integrated **Bootstrap**'s components and grid system to create mobile-first web applications. Ensured that the websites are fully responsive.

- Enhanced user interaction by implementing **jQuery**-based functionalities, such as form validation, animated components, and dynamic content loading.

- Leveraged the **Blade** templating engine to build reusable components and dynamically display content, optimizing development efficiency. This included conditionally rendering content and iterating over data arrays to enhance flexibility and functionality.

- Configured third-party plugins in **Figma** to transform and extract design elements into HTML code. Incorporated Tailwind CSS for streamlined and efficient design-to-development workflows, ensuring a high fidelity between design and deployment.

- Implemented Advanced Custom Fields (**ACF**) in WordPress to create custom input fields. Utilized ACF's hooks and functions to retrieve and dynamically display data, enhancing data management across the site.

- Developed a **PHP** application to synchronize product data between a **REST API** and the website using **GraphQL** mutation requests, significantly improved data management efficiency, and ensured real-time updates and consistency.

- Optimized websites for search engines by implementing keyword strategies, managing metadata, and using clean, semantic HTML.

- Provided ongoing maintenance and updates to ensure the websites remain secure, up-to-date, and compatible with the latest WordPress releases.

- Regularly monitored site performance and implemented improvements based on user feedback and analytics data.

- Successfully managed project timelines and achieved milestones by utilizing **Jira** for task coordination within an **Agile** environment.
- Collaborated with team members, providing technical support and contributing to project progress during User Acceptance Testing (**UAT**) and Sprint cycles.

PROJECTS

Game Hub https://gamehubdev.vercel.app/

GitHub Link**:** https://github.com/AdrianWMY/GameHub

Description: A comprehensive web application for collecting and displaying information about the latest games.

Technologies: ReactJS, TailwindCSS, ShadcnUI, ExpressJS, MongoDb, AWS Lambda, API Gateway.

- Designed and implemented a dynamic user interface using **ReactJS**, incorporating reusable components built with **ShadcnUI** and **TailwindCSS** to ensure consistency and maintainability throughout the application.
- Developed **RESTful API** routes using **Express.js** to handle game data, media, and user interactions. Ensured efficient data handling and secure communication between the front-end and back-end components.
- Integrated **MongoDB** Atlas as the primary database solution, establishing a seamless connection for efficient data storage and retrieval.
- Utilized **AWS Lambda** to deploy back-end services, adopting a serverless architecture to minimize operational costs and enhance scalability.
- Configured **AWS API Gateway** to handle API requests, providing secure and reliable communication between the client and server.
- Implemented ReactJS hooks such as useState, useEffect, useNavigate, and useLocation to implement real-time data fetching, manage state effectively, dynamically render content, and facilitate seamless data flow across components, ensuring users receive the latest game information and media updates.
- Optimized front-end performance with lazy loading, code splitting, and caching strategies to enhance user experience.

Personal Portfolio Website https://adriansportfolio.vercel.app/

- Developed a portfolio website using **ReactJS**, utilizing its component-based architecture and JSX syntax to create a modular and maintainable codebase.
- Styled the website using **Tailwind CSS** and **Shadcn-UI**, leveraging their libraries of design components to create a visually appealing and responsive layout. Ensured the site is fully optimized for various screen sizes, providing a seamless experience on both desktop and mobile devices.
- Integrated third-party libraries, such as EmailJS, to add additional functionalities like automated email management, enhancing the site's interactivity and communication capabilities.