

# 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.

## SKILLS

**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.

## 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, Wordpress.

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

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**Personal Portfolio Website** <https://adriansportfolio.vercel.app/>

**Description:** A personal portfolio website that provides an overview of professional skills, experience, and completed projects to demonstrate expertise in both front-end and back-end development.

- Built a front-end page using **ReactJS**, capitalizing on its component-based architecture and **JSX** syntax to manage interactive and functional events seamlessly.
- Implemented **Tailwind CSS** and **Shadcn-UI** to style the website, tapping into their extensive collection of design components and tools to create responsive layouts that dynamically adjust to different screen sizes for enhanced user experience across desktop and mobile platforms.
- Integrated third-party libraries like EmailJS to handle additional functionality, such as automating email management.

**Game Hub** <https://gamehubdev.vercel.app/>

GitHub Link: <https://github.com/AdrianWMY/GameHub/>

**Description:** A comprehensive web application designed to collect and display detailed information about the latest video games. This project showcases advanced skills in full-stack development, serverless architecture, and seamless user experience design.

**Technologies:** ReactJS, TailwindCSS, ShadcnUI, ExpressJS, MongoDB Atlas, 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 real-time data fetching and state management techniques to provide users with the latest game information and media updates.
- Optimized front-end performance with lazy loading, code splitting, and caching strategies to enhance user experience.

## EDUCATION

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**Royal Melbourne Institute of Technology (RMIT)**

Finished-2022

*Bachelor Of Computer Science*