

ADRIAN WANG

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SUMMARY

Full Stack JavaScript Developer with a strong background in creating responsive web applications. Skilled in building reusable components and developing efficient, scalable APIs using modern frameworks. Proficient in serverless architecture and optimizing performance for high-traffic sites. Adept at using Agile methodologies to deliver scalable, high-quality solutions.

SKILLS

Frontend Development: React.js, JavaScript (ES6+), HTML5, CSS3, SASS, Tailwind CSS, Bootstrap, Shadcn-UI

Backend Development: Node.js, Express.js, PHP, RESTful API

Database: PostgreSQL, MySQL, MongoDB

Development Tools & DevOps: Git, npm, Vite, Chrome DevTools, Figma, Docker, AWS, Agile/Scrum methodologies.

EDUCATION

Royal Melbourne Institute of Technology (RMIT)

Finished-2022

Bachelor Of Computer Science

WORK EXPERIENCE

Full Stack Developer | 2Cloud Technology Pty Ltd.

Sep 2023 to Apr 2024

- Designed, developed, and tested web pages using **HTML5**, **CSS3**, **SASS**, **JavaScript**, and **React.js**, ensuring compatibility with web accessibility and cross-browser standards.
- Worked in using **React.js components**, **Forms**, **Events**, **Keys**, **Router**, **Animations**.
- Utilized **React.js** for efficient **templating** and the development of **reusable components**.
- Styled the web page using **SASS**, enhancing CSS with **dynamic features** like variables, mixins, operations, and functions for a more flexible design.
- Worked with **Jest** testing framework to validate React components and maintain code quality.
- Built **RESTful API** routes using **Express.js** to facilitate communication between the front-end and back-end.
- Used **Middleware** in application to retrieve data from Back-End and to also perform RESTFUL services.
- Configured, integrated, and maintained **PostgreSQL** databases across Development, Staging, and Production environments.
- Deployed front-end applications using **AWS S3** for static hosting and **AWS CloudFront** for content delivery, optimizing performance and scalability.
- Optimized **CI/CD pipelines** using **AWS CodeBuild**, **CodeDeploy**, and **CodePipeline** to automate the building, testing, and deployment processes.
- Used **Git** for version control and collaboration, enabling team-based development with branch management and regular code integrations.
- Worked in **Agile** environments, actively participating in sprint planning, daily stand-ups, and retrospectives.
- Utilized **JIRA** for bug tracking, managing and documenting the history of issues on a daily basis.
- Collaborated with the **Testing team**, **Scrum Masters**, and **Business Analysts** to resolve issues.

PROJECTS

Online Shopping Website

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

Technologies: JavaScript, HTML5, SASS, Bootstrap, PHP, GraphQL, 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.
- Designed **CSS templates** for consistent styling across all website pages, including background, positioning, text, borders, margins, padding, and table elements.
- 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.
- 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 for synchronizing product data with a **third-party API** using **GraphQL**, improving data management and ensuring real-time updates.

Game Info Website

Description: A comprehensive web application designed to collect and display detailed information about the latest video games.

Technologies: React.js, Tailwind CSS, ShadcnUI, Express.js, MongoDB Atlas, AWS Lambda, API Gateway.

- Designed and implemented a dynamic user interface using **React.js**, 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.
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