Hunter Zhou | Full Stack Developer | Web Developer
M: 0426628622   Email: hunter.zhou.au@gmail.com

Qualifications & Affiliations

- Bachelor of Information Management
- Diploma in Computer Communication

Summary of Experience

Hunter has over 2 years of full-stack development experience in both the water treatment and Internet of Things (IoT) industries.

Hunter is an experienced systems developer with extensive expertise full-stack development. Proficient in various frontend frameworks and backend technologies, including ReactJS, Node.js, and .NET Core. Hunter can rapidly utilize technologies to build various system according to business requirements.

Hunter has extensive hands-on experience in both frontend and backend technologies. He can quickly identify system issues, find reasonable solutions and resolve problems.

An expert relationship-builder, Hunter seamlessly collaborates with key business and project stakeholders to resolve variances, optimize code structure, improve database table structure and streamline user workflow.

His deep passion for new technologies drives him to quickly learn and successfully apply them to projects.

Relevant Experience

AquaReporter, Aquarius Technologies Pty Ltd	*Jul 2022 – Present*
Role & Company	Full Stack Developer, Aquarius Technologies Pty Ltd
Project Description	- Enable remote monitoring and real-time adjustments of controllers via web connectivity (Modem, Wi-Fi, or Ethernet) through AquaReporter. - Facilitate multiple user access levels for diverse user needs and permissions. - Provide a user-friendly interface to effortlessly view controller readings and settings. - Offer detailed parameter graphs to track up to a year's worth of previous readings for comprehensive data analysis and trend identification. - Ensure prompt awareness of deviations from set parameters through individual parameter alarms delivered via SMS and email, enhancing operational reliability and risk mitigation.
Responsibilities & Achievements	- Utilized React to enhance and modify ASP.NET pages in existing projects, thereby improving user interaction experience. - Utilized the ECharts framework to visually represent controller readings and settings, enhancing data visualization. - Utilized .NET Entity Framework to manage SQL Server and MongoDB databases efficiently. - Implemented MQTT protocol to operate controllers and utilized Redis to boost controller read/write speeds. - Optimized user table structure and encrypted user login information using JWT framework. - Enhanced MongoDB document indexing, resulting in query speeds boosted by over 5 times. - Successfully published and deployed projects to IIS servers.

AdminPage, Aquarius Technologies Pty Ltd	*Dec 2023 – Present*
Role & Company	Full Stack Developer, Aquarius Technologies Pty Ltd
Project Description	AdminPage is an internal management system tailored for company-wide use. It enables the production department to publish and track new controllers in production, while providing the sales department with a graphical interface to visualize monthly sales and manage customer information. Additionally, the R&D department can utilize AdminPage to monitor the running status of each new device.
Responsibilities & Achievements	▪ Utilized Jira for collecting project requirements and tracking development progress. ▪ Constructed the Dashboard management interface utilizing the Ant Design UI library integrated with ReactJS. ▪ Developed backend APIs using Node.js in conjunction with Prisma ORM and Mongoose. ▪ Managed code base on the Bitbucket repository and implemented CI/CD pipelines using the Azure DevOps platform to deploy frontend and backend code to Docker containers, facilitating rapid iteration of the program.

www.aquariustech.com.au, Aquarius Technologies Pty Ltd	*Jul 2022 – Dec 2022*
Role & Company	Web Developer, Aquarius Technologies Pty Ltd
Project Description	Aquariustech company's official website
Responsibilities & Achievements	▪ Constructed the company's official website using the WordPress theme "The 7". ▪ Utilized the WPBakery plugin to build pages and upload optimized images of company products (Ultima) and accessories. ▪ Integrated online chat functionality using the Tawk.to plugin for customer inquiries and support.