

# HUNTER ZHOU

FULL-STACK DEVELOPER | WEB DEVELOPER

## CONTACT

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## SKILLS

### Frontend

- **HTML/CSS:** HTML5, CSS3, SASS, LESS
- **JavaScript:** ES6+, TypeScript
- **Frameworks/Libs:** React, Vue, JQuery, Next.js, WordPress
- **UI:** Ant Design, Tailwind CSS

### Backend:

- **C#, Node.JS, Python, Java, PHP**
- **Frameworks:** Express, ASP.NET, Spring Boot
- **API:** RESTFul API, GraphQL

### Relational Databases:

- **SQL Server, MySQL, PostgreSQL, SQLite, Oracle**

## PROFILE

Hunter is a skilled full-stack developer with over 2 years of experience in the water treatment and IoT industries.

Proficient in frontend frameworks like ReactJS and backend technologies such as Node.js and .NET Core, Hunter excels at rapidly developing systems to meet business needs. With a strong background in both frontend and backend development, he is adept at identifying and resolving system issues efficiently. Hunter is an expert relationship-builder who collaborates effectively with stakeholders to optimize code, improve database structures, and enhance user workflows. His passion for modern technologies drives continuous learning and successful project implementation.

## EXPERIENCE

### AquaReporter

Aquarius Technologies Pty Ltd

Jul 2022 - Present

- Enable remote monitoring and real-time adjustments of controllers via web connectivity (Modem, Wi-Fi, or Ethernet).
- 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.
- 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.

## **NoSQL Databases:**

- MongoDB, Redis

## **ORM:**

- Prisma, Entity Framework, Sequelize, Hibernate, Mongoose

## **Tools:**

- **Version Control:** Git, GitHub, GitLab, Bitbucket, Jira, Agile, Trello
- **Containerization:** Docker
- **Server:** IIS, Nginx
- **CI/CD:** Azure DevOps Pipelines, Vercel, GitHub Action
- **Cloud Services:** Azure VM, AWS S3, AWS Lambda, EC2

## **Operating Systems:**

- Linux(Ubuntu), Windows, mac OS, Android

## **Testing:**

- Jest, Postman

# EDUCATION

## **Bachelor**

Information Management and Information System

## **Diploma**

Information and Communications Technology

- 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

**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.

- 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.

## **Aquariustech**

Aquarius Technologies Pty Ltd

Jul 2022 - 2023

- 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.