RAIN RUAN

Web and Software Developer

Graduated IT professional with a strong academic background and hands-on experience in full-stack development.

I bring a flexible, fast-learning mindset, strong problem-solving skills, and a proven ability to deliver effective solutions.

With a passion for both web and software development, I also have expertise in **business analysis** and **project management**, which complement my background in marketing and graphic design. This diverse skill set allows me to approach projects with creativity, adaptability, and a strong understanding of business needs.

Recent Project Experience

iOS App for Ballance Agri-Nutrients
Mobile App Developer | Internship Project | July 2024 – Present
- Leading the development of iOS application using **React Native** to transition from paper-based systems to a digital solution.
- Designed and implemented a **MsSQL** database to manage data storage and retrieval efficiently.
- Built the **Node.js** and **Express.js** backend to support RESTful API communication for the mobile app.

Vanta World - Interactive Frontend Development
Frontend Developer | Contract Work | May 2024
- Engineered a fully responsive landing page and an interactive map using **Next.js** and React to enhance user engagement.
- Developed animations and transitions with **Framer Motion**, adding dynamic and intuitive user interactions.
- Collaborated closely with designers to translate **Figma** mockups into functional and visually appealing interfaces.
- Implemented **Tailwind CSS** for fast, scalable styling and component development.

Jinsook Taylor Web Gallery
Full Stack Developer | Academic Project | May 2024
- Architected a complete full-stack web application using the MERN stack (**MongoDB, Express.js, React, Node.js**).
- Implemented secure user authentication using **JWT** and bcrypt for password hashing, ensuring user data protection.
- Designed and developed RESTful APIs for efficient data handling and CRUD operations.
- Created responsive user interface components with React.js, using **Tailwind CSS** for styling.

Isa Kamera - Portofolio Website
Full Stack Developer | Independent Project | December 2023
- Developed portofolio website using **React.js** for the frontend and **Firebase** for backend services.
- Implemented user authentication, real-time database, and cloud storage using Firebase, offering seamless functionality for users.
- Designed and built a content management system (CMS), enabling the client to perform CRUD operations independently.

Work Experience

Intern Developer
Ballance Agri-Nutrients Ltd | July 2024 – January 2025 (Fixed-Term)
- Collaborated with the BI team to develop solutions for key short-term projects.
- Managed remote tasks, attended meetings, and participated in training workshops.
- Gained experience in software development and remote teamwork.

Web Developer (Contract)
WenLaunch Studios | May 2024 - Now
- Took part in Vanta World and Glitch Fits projects, building responsive pages and interactive elements using Next.js, React, and Framer Motion.
- Collaborated with designers to translate Figma mockups into functional interfaces, leveraging Tailwind CSS for scalable styling.
- Worked remotely, maintaining clear communication with the team to ensure smooth project delivery.

Contact

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Education History

Toi Ohomai Institute of Technology
Tauranga, New Zealand

Bachelor of Applied Information Technology
(2022 - 2024)

- **Relevant Coursework**: Key highlights include Data Structures, Algorithms, Web Development, Database Management, Artificial Intelligence, Prompt Engineering, Human-Computer Interaction, and Project Management.

Technical Skills

- **Frontend:** React.js, Next.js, JavaScript, TypeScript, HTML5, CSS3, TailwindCSS
- **Backend & Databases:** Node.js, Express.js, C#, Python, RESTful APIs, MongoDB, MySQL, MsSQL
- **DevOps & Tools:** Git, Docker, Agile/Scrum, Figma
- **Other:** Redux, JWT, Responsive Design, UI/UX Design Principles, Technical Documentation

Award and Recognition

Commendation for Exceptional Performance and Dedication
Toi Ohomai Institute of Technology (Nov 2024)

Commendation for Exceptional Performance and Dedication
Toi Ohomai Institute of Technology (Jul 2024)