

Full Stack Software Engineer | Manni Liu | Auckland, NZ

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SUMMARY

Full Stack Software Engineer with **2+ years** of experience in **website** and **mobile app development** with **C#, ASP.NET Core, React, and TypeScript**. Skilled in building responsive, user-focused solutions with strong attention to software quality, reliability, and maintainability. Experienced in **CI/CD** automation using **GitHub Actions** and **Docker**. **Strong communication and collaborative method** to software development. Recent work includes a **React Native** mobile app. Seeking software developer role in NZ tech teams.



EDUCATION

Lincoln University(NZ) | Master of Applied Computing | GPA 8.6 / 9

11/2023 - 05/2025

Major: Software Development, Database Management, Business Analysis, Machine Learning.



CERTIFICATIONS

Oracle MySQL 8.0 Database Developer Oracle Certified Professional

Oracle Cloud Infrastructure 2025 Certified Foundations Associate

Oracle AI Vector Search Certified Professional

Microsoft AI Skills 4 Women



TECHNICAL EXPERTISE

Languages: C#, TypeScript, Python, JavaScript, SQL

Frontend: React, React Native, PHP, Vue.js, Next.js, JQuery, HTML, CSS, Bootstrap, Tailwind CSS

Backend: ASP.NET Core, Entity Framework(ORM), LINQ, Web API, RESTful, JWT, DTO

Cloud/DevOps: AWS, Azure, Docker, Git, CI/CD, Oracle Cloud, Huawei Cloud

Databases: SQL Server, MySQL, PostgreSQL, MongoDB, CosmosDB, Oracle

Testing: Selenium, Swagger, Insomnia, Cypress, Postman, xUnit, PyTest

Methodologies: Agile/Scrum, Jira, Atlassian, Miro, TDD, BDD, Business Analysis

Web Platforms & Tools: WordPress, SaaS Platforms, SEO Optimization, CloudSite



WORK EXPERIENCE

CHEERS & CO | Christchurch | Full Stack Developer(Contract)

05/2025 - 08/2025

- QR Code Ordering System

Developed a QR code-based ordering system with React Native, enabling customers to scan at the table, browse menus, make orders. Built an admin web dashboard with React + TypeScript for restaurant staff to manage menus, track real-time orders. Integrated MySQL with Entity Framework for efficient data storage and reliable order tracking.

Tech Stack: React Native, C#, ASP.NET Core, React, TypeScript, RESTful APIs, MySQL, Entity Framework



WORK EXPERIENCE

LINCOLN UNI Christchurch Student	11/2023 - 05/2025
- Healthy Prediction Model	2024.08-2024.10
Developed an AI training model to predict body fat percentage based on human body metrics. Performed data preprocessing, feature scaling, and visualization to improve model accuracy and interpretability. Trained and evaluated the model using TensorFlow and optimized performance through tuning and validation.	
Tech Stack: Python, Pandas, NumPy, Matplotlib, Scikit-learn, MinMaxScaler, TensorFlow, Keras	
- Educational Mobile Application	2024.06-2024.10
Full-stack solution with Flash backend, React Native app for delivering automated tutorials and hands-on practice exercises, and a React-based admin portal for content management.	
Tech Stack: React, React Native, RESTful, Python, JWT, MySQL	
- Agricultural Machine Hire Web System	2024.02-2024.05
Developed a web system to manage customer details, machine bookings, rental schedules, and payments for community users. Enabled operators to manage machine availability and managers to generate usage and financial reports.	
Tech Stack: Python, Flask, HTML, CSS, Bootstrap, JavaScript, MySQL	
GOBOMOM TECH LTD China Web Developer	06/2020-11/2023
- Clothing E-commerce Website	2022.11-2023.10
Built and customized a company website using a SaaS-based platform for showcasing custom clothing products. Configured product catalog, enquiry features, and company information modules. Designed responsive layouts and user interfaces to ensure an engaging experience across devices. Optimized site performance and SEO settings within the SaaS environment to improve visibility and loading speed.	
Tech Stack: SaaS Website Builder (WordPress), HTML, CSS, SEO Optimization, Content Management	
- Company Website	2020.06-2021.06
Built and customized a corporate website using Huawei Cloud's SaaS platform to showcase company products and brand identity. Configured and optimized modules through CloudSite for performance, security, and SEO, achieving faster load times and improved search visibility. Deployed and maintained the site on Huawei Cloud for high availability and scalability.	
Tech Stack: Huawei CloudSite, HTML, CSS, SEO Optimization, Huawei Cloud Deployment	
FUND TECH LTD China Administrator	03/2015 - 11/2017
Participated in internal audit work and assist in external audit record-keeping. Certification included ISO 9001, ISO 27001, ITSS, ISO 14000, Level 2 System Integration. Responsible for corporate organizational culture construction, event planning and execution, including company annual meetings, travel activities, and cultural events.	