

# Full Stack Software Engineer | Manni Liu | Christchurch, NZ

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## SUMMARY

**Full Stack Software Engineer** with **4+ years** of experience in **website and mobile app development**. Skilled in building responsive, user-focused solutions with strong attention to software quality, reliability, and maintainability. Automated build, test, and deployment for **C#, ASP.NET Core, React, TypeScript** and **Python** using **GitHub Actions** and **Docker**, accelerating delivery and maintaining environment stability. Familiar with **AWS** deploying. **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, 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:** Oracle, SQL Server, MySQL, PostgreSQL, MongoDB

**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, allowing customers to scan at tables, browse menus, and place orders. Built an admin web dashboard with React and TypeScript for restaurant staff to manage menus and monitor real-time orders. Integrated SQL Server with Entity Framework Core for efficient data storage and reliable order tracking. Containerized backend services using Docker and deployed on AWS (EC2 & RDS) for high availability and scalability.

**Tech Stack:** React Native, C#, ASP.NET Core, React, TypeScript, RESTful APIs, SQL Server, Entity Framework, Docker, AWS EC2, AWS RDS



## WORK EXPERIENCE

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LINCOLN UNI | *Christchurch* | Full Stack Developer

11/2023 - 05/2025

**- 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, Python, RESTful API, JWT, ORM, 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 maintained an e-commerce platform for custom clothing products. Developed product catalog, enquiry function, company inform. Implemented responsive React frontend for seamless user experience across devices, and ASP.NET Core backend with RESTful APIs for product. Enhanced SEO and performance, improving site visibility and load speed.

**Tech Stack:** C#, ASP.NET Core, Entity Framework Core, LINQ, Dependency Injection, Repository Pattern, AutoMapper, React, TypeScript, SQL Server, RESTful API, JWT Authentication, Docker

**- Finance Platform**

2021.01-2021.12

Created a application for managing and visualizing investment portfolios with performance tracking and risk assessment. Implemented portfolio allocation, asset performance charts, and diversification insights to help users understand returns and risks.

**Tech Stack:** C#, ASP.NET Core, Entity Framework Core, LINQ, Dependency Injection, Repository Pattern, AutoMapper, React, TypeScript, Web API, DTO, JWT Authentication, SQL Server, ORM

**- Company Website**

2020.06-2021.03

Built a corporate website to showcase company products and brand, deployed on HUAWEI Cloud for reliability and scalability. Enhanced SEO and performance optimization using CloudSite's built-in tools, ensuring better search visibility and faster load times.

**Tech Stack:** C#, ASP.NET Core, MVC, Razor Pages, LINQ, Middleware, Vue.js, TypeScript, Bootstrap, SQL Server, RESTful API, HUAWEI Cloud

FUND TECH LTD | *China* | Administrator

03/2015 - 11/2017

Participated in internal audition 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.