

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

+64 20 491 8356 | Open Work Visa (Valid until 12/2027) | [manniliu08@gmail.com](mailto:manniliu08@gmail.com) | [LinkedIn:Manni Liu](#)



## 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

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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 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.