Full Stack Software Engineer | Manni Liu | Christchurch, NZ

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

SUMMARY

Full Stack Software Engineer with **3+ 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** and **React** using **GitHub Actions** and **Docker**, accelerating delivery and maintaining environment stability. **Strong communication skills and collaborative** approach to software development. Recent work includes a **React Native** mobile app. Seeking software developer roles in NZ tech teams.

EDUCATION

Lincoln University(NZ) | Master of Applied Computing | GPA 8.6   **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: Azure, AWS, 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

WORK EXPERIENCE

CHEERS & CO | *Christchurch* | Full Stack Developer(Contract)   **05/2025 - 08/2025**

- QR Code Ordering System

Developed a QR code-based mobile ordering platform 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, and update order statuses. Integrated SQL Server with Entity Framework for efficient data storage and reliable order tracking. Containerized services using Docker to ensure smooth deployment and scalability across environments.

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

💼 WORK EXPERIENCE

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, 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 | *CN* **| Full Stack Developer**　　　　　　　　**06/2020-11/2023**

- Clothing E-commerce Website　　　　　　　　**2022.01-2023.10**

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, React, TypeScript, SQL Server, RESTful API, JWT, 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, Vue.js, Typescript, Web API, EF Core, ORM, JWT, DTO, Sql Server

- Company Website and Mobile App Development　　　　　　　　**2020.06-2020.12**

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, Vue.js, TypeScript, Bootstrap, Sql Server, RESTful API, HUAWEI Cloud

FUND TECH LTD | *CN* **| 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.