

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 **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

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 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.	