Hyunkyung Oh (Claire)

Mobile: 021-0873-2784 **Email:** ever01.hk@gmail.com **Address:** Wellington (Open to relocation)
Portfolio: https://www.claire-oh.net/ **GitHub:** https://github.com/Ever01HK
LinkedIn: https://www.linkedin.com/in/hyunkyung-oh-b03519266/

Professional Summary

Software Engineer with over eight years of commercial experience developing and supporting business-critical applications using C# and .NET. Strong background in .NET Framework, ASP.NET, SQL Server, Oracle, REST APIs, and system integrations, with proven experience troubleshooting production issues, improving database performance, and delivering reliable software solutions. Currently expanding into modern .NET/.NET Core and cloud- based development through hands-on experience with Docker and AWS. Experienced in mentoring junior developers and actively using AI-assisted development tools for prototyping, debugging, and code improvement while validating generated solutions.

Core Skills

Strong	C# (.NET Framework), Java (Spring), MSSQL, Oracle JavaScript, HTML, CSS
Knowledgeable	Python, PHP, Visual Basic, PostgreSQL, Next.js, TypeScript
ETC	AWS (EC2, S3, Route 53) Docker, Vercel, Git

Professional Experience

Senior Developer, Vision IT, OZNet Korea – South Korea
Mar 2020 – Nov 2022

- Developed and maintained business-critical enterprise applications using C#/.NET, Java/Spring, and relational databases, contributing across requirements analysis, development, testing, and production support.
- Designed and implemented REST APIs to integrate Java-based services with an existing C# intranet platform, supporting SSO-based access and cross-system data exchange.
- Delivered internal applications, including guesthouse booking, equipment rental, and business management systems, working closely with stakeholders to translate requirements into practical solutions.
- Improved application performance through SQL query optimisation, indexing, and database troubleshooting across Oracle and SQL Server.
- Developed an automation solution that reduced manual processing time by more than 75%, improving operational efficiency.
- Maintained and enhanced over 15 enterprise applications, providing ongoing technical support, diagnostics, and bug fixes.
- Mentored two junior developers and collaborated with cross-functional teams to share technical knowledge and deliver reliable software.
- **Tech Stack:** C#/.NET Framework, Java/Spring, REST APIs, SQL Server, Oracle, IIS, WebLogic, JavaScript

---

Intermediate Developer, Korean Register of Shipping (KRS) – South Korea
Aug 2009 – Dec 2013

- Managed internal IT systems, including email servers and database operations, ensuring stable day-to-day system performance.
- Coordinated with external vendors to oversee outsourced system development and website renewal projects.
- Led project coordination for the development of an e-learning platform, working with stakeholders and external developers to deliver the system.
- **Tech Stack:** .C#/.NET Framework, IIS, DNS, SMTP

Junior Developer, Open Systems – South Korea
Jul 2004 – Jan 2007

- Supported and maintained enterprise ICT systems, ensuring reliable operation of internal business applications.
- **Tech Stack:** Java/EJB, Delphi, Oracle

AI Maintenance Agent | Personal Project

- Developing an AI-powered maintenance management application using ASP.NET Core, PostgreSQL, and Google Gemini.
- Actively using GitHub Copilot to support feature implementation, troubleshooting, and code refinement, while reviewing AI-generated code and validating functionality through automated testing.
- Implemented REST APIs, database persistence, error handling, and logging, with a focus on reliability and maintainability.
- Applied idempotency and concurrency control techniques to prevent duplicate operations and improve data integrity.
- **Tech Stack:** ASP.NET Core, C#, PostgreSQL, Entity Framework Core, Google Gemini, GitHub Copilot, Docker, xUnit

Volunteer

Toi Whakapapa project – Wellington, New Zealand (Oct 2025 - Present)

- Developed and deployed a responsive website using Next.js, TypeScript, and Vercel to support a community organisation.
- Worked with a team of 5–6 volunteers to understand requirements, discuss design improvements, and deliver website updates.
- Used AI-assisted development tools to support implementation, troubleshooting, and iterative improvements.
- Contributed to making information about Māori whakapapa and cultural programmes accessible through a modern web platform.
- **Tech Stack:** Next.js, Typescript, Vercel, Cloudflare Turnstile, Resend API
- **Website:** https://toiwhakapapa.org.nz

Education

Master of Information Technology, Whitireia / WelTec Polytechnic – Wellington, NZ

- Jul 2023 – Nov 2024

Master of Information Security Engineering, University of Science and Technology - Daejeon, South Korea

- Mar 2007 – Feb 2009

Bachelor of Computer Science and Information Engineering, Sungshin Women's University - Seoul, South Korea

- Mar 1999 – Feb 2003

Reference

Available upon request.