

Matthew Wong | Software Developer

-  NZ Citizen (SCV 444) - Full Work Rights
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Professional Profile

Full-stack software developer with nearly 5 years of experience in C#, Angular, React, and SQL. Strong background in modernising legacy systems, owning end-to-end features and building new solutions from the ground up in agile and collaborative environments.

Technical Skills

Languages - C#, Typescript, Javascript, CSS, HTML5, SQL, Java, Python

Frameworks - Angular (18-20), Sass, React, .NET, NUnit, Jest

Cloud & DevOps - Azure DevOps, Azure Pipelines, Azure Portal, CI/CD, Git

Tools - Visual Studio, VS Code, Jira, Figma

Practices - Agile (scrum/kanban), code reviewing, stakeholder demos

Career Summary

 **Sysmex Corporation**  Auckland - *Developer (November 2023 - December 2025)*

 **Typescript (Angular), C# (.NET), SQL, Azure**

- Delivered full-stack features and fixed bugs across two agile teams
- Built/managed CI/CD pipelines to improve deployment efficiency via Azure Pipelines
- Create/maintained Azure resources (web apps/services) through Azure Portal
- Upgraded .NET and Angular codebases to modern versions reducing technical debt and improving future maintainability
- Prepared and presented live demos to stakeholders and gave technical talks at company wide developer forums
- *Key projects*

○ **PDF Report Email Generator project** - *.NET 8, Windows Services, MS365 Outlook*

- **Summary** - Developed a modern .NET 8 based solution to replace a legacy fax-based workflow for collating and delivering patient test results. The new solution improved efficiency for delivery of patient test results to doctors
- **Contribution** -
 - Built a scalable .NET 8 microservice to generate customisable PDFs for widespread use amongst Sysmex NZ products
 - Integrated MS365 Outlook via Azure into the Windows Service to automate email delivery to doctors
 - Built a .NET 8 Windows Service to orchestrate the workflow end-to-end
 - Wrote comprehensive installation documentation and assisted Sysmex's technical team during deployment

- **Request maintenance page modernisation - Angular 18**
 - **Summary** - Converted and enhanced an essential and complex legacy ASP.NET web page into modern Angular 18. This work removed technical debt and laid a solid foundation to develop more modern Angular code
 - **Contribution** -
 - Integrate the needs of the business using Angular 18
 - Assisted in designing the new UX flow for the page
 - Designed and developed new reusable/more easily maintainable Angular 18 components and SCSS styling for the Angular codebase. This speeds up future development within the codebase

 **Datacom**  **Auckland** - *Associate Developer (January 2022 - June 2023)*

 **TypeScript (React), C# (.NET), SQL**

- Operated as a consultant in Datacom's Microsoft full-stack consultancy team
- **Major clients**
 - **Smartly payroll** (*April 2022 - March 2023*)
 - Delivered full-stack features for a bespoke HR "pay parity" project whilst working alongside a fully remote and agile team
 - Prepared and presented demos to Smartly stakeholders
 - **Fidelity Life** (*March 2023 - June 2023*)
 - Independently developed the foundation for a React micro UI to allow Fidelity life customer support staff to quickly access historic insurance claims

 **LifeDirect**  **Wellington** - *Junior Web Developer (November 2020 - December 2021)*

 **TypeScript (React), C# (ASP.NET, .NET), SQL**

- Worked within a small and very collaborative agile team to deliver new features and enhancements across multiple customer facing websites and internal CRM
- **Referral-code project** - *ASP.NET, .NET, React, SQL*
 - **Summary** - LifeDirect wanted to use referral-codes as a marketing initiative. In order to proceed, a new referral-code system needed to be developed and integrated across their websites and internal CRM
 - **Contribution** -
 - Designed the architecture of the project with guidance from senior developers
 - Developed APIs within the .NET codebase
 - Developed frontend across LifeDirect's two different websites and internal CRM using ASP.NET and React
 - Developed SQL stored procedures to perform CRUD database operations
 - Wrote comprehensive project technical and onboarding documentation

Projects

- www.matthewwongdev.com (V1) - Personal website developed in 2022 (developed with React/TypeScript completely from scratch)

Education

 **University of Canterbury, Christchurch, New Zealand**

Bachelor of Science | Major in Computer Science | February 2018 - November 2020

References

- Available upon request