

# JACK W. FINLAY

**Location:** Melbourne, VIC

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Experienced and accomplished software developer. Specialised in scaling and re-engineering of platforms through .NET, Azure Cloud, and database development.

## Skills

**Programming Languages:** C#, SQL, TypeScript, HTML, CSS

**Frameworks:** .NET 6, .NET Core, .NET Framework, ASP.NET, React, Node.js

**Cloud:** Microsoft Azure, Azure App Services, Azure Functions, Azure Service Bus, Blob Storage, Table Storage, Queues, Messaging

**Databases:** Microsoft SQL Server, Cosmos DB, MongoDB

**Agile Methodologies:** SCRUM, Kanban

## Experience

**Senior Software Developer** Homely Group, Melbourne

*Jun 2021 – Present*

- C#, .NET 6, .NET Core, .NET Framework
- Microsoft SQL Server, Azure SQL
- Azure cloud – App Service, Functions, Blob and Table Storage, Messaging, Queues

Architecting and developing greenfield products using .NET 6 and Azure cloud. Increased property listing quality and volume through ETL of geographic data. Implemented alerts system to drive daily-digest emails for property listings.

**Senior Software Developer** Tally Group, Melbourne

*Apr 2020 – Jun 2021*

- C#, .NET Core, Entity Framework
- Microsoft SQL Server, Azure SQL
- Azure cloud – App Service, Functions, Service Bus, Blob and Table storage
- Events and Webhooks

Produced .NET Core solutions for cloud based utilities billing SaaS platforms. Built solution for registration and send of webhooks from an event-driven system using Azure Service Bus, Blob and Table storage, and SQL Server. Designed and built a system integration for ETL of battery charge cycle data using Azure Durable Functions.

**Software Engineer** Plexure Group, Auckland

*Jan 2019 – Apr 2020*

- C#, .NET Core, .NET Framework
- Microsoft SQL Server, Cosmos DB
- Azure cloud – App Service, Functions, Service Bus, Notification Hub

Produced products used by over 150 million registered users through .NET Core and .NET Framework solutions on platform optimisation and re-engineering projects. Redeveloped platform security to implement JWT authentication and authorisation.

**Software Developer** AlphaCert Labs, Auckland

*Mar 2018 – Jan 2019*

- C#, HTML/CSS/JavaScript, ASP.NET MVC with Entity Framework
- Microsoft SQL Server

Full-stack ASP.NET MVC development for investment management software. ETL and data transformation in C#. SQL Server database development.

**Analyst Programmer** Gentrack, Auckland

*Aug 2016 – Mar 2018*

**Technical Consultant** Business Mechanix, Auckland

*Apr 2015 – Aug 2016*

**Intern Developer** University of Auckland IT Services, Auckland

*Dec 2014 – Feb 2015*

## **Education**

**Bachelor of Computer and Information Science - Software Development Major**

Auckland University of Technology, Auckland, New Zealand

*2013 – 2016*

Software Development in C# and Java, Object-Oriented Design and Development, Databases, Agile Methodologies, Information security, Data Process Modelling, Project Management, Discrete Mathematics and Linear Algebra, Data Structures and Algorithms.