

JACK WITBROCK FINLAY

Location: Melbourne, VIC

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

Skills

Programming Languages: C#, SQL

Frameworks: .NET 6, .NET Core, .NET Framework, ASP.NET

Databases: SQL Server, Cosmos DB

Agile Methodologies: SCRUM, Kanban

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

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 product solutions 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.

Software Developer Tally Group Ltd, 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. Design and build of system integration for ETL of battery charge cycle data using Azure Durable Functions.

Software Engineer Plexure Group Ltd, 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 Framework solutions on platform optimisation and re-engineering projects.

Software Developer AlphaCert Labs Ltd, 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# using Managed Extensibility Framework. T-SQL database development, database migrations via Fluent Migrator.

Analyst Programmer Gentrack Ltd, Auckland

Aug 2016 - Mar 2018

- *Microsoft SQL Server, Oracle Database development*

Feature development and bugfixes for utilities billing software. Data analysis and database development using T-SQL and PL/SQL.

Technical Consultant Business Mechanix Ltd, Auckland

Apr 2015 - Aug 2016

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

Developed a website for international students to find study options in New Zealand using ASP.NET MVC. Managed and mentored a team of three interns working over the 2015/16 summer

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.