

JACK WITBROCK FINLAY

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Career Overview

Successful career in software development with five years of professional experience. Accomplished in scaling and re-engineering of platforms, through .NET, Cloud, and database development.

Skills

Programming Languages: C#, SQL, JavaScript
Frameworks: .NET Core & .NET Framework, ASP.NET
Tools: Git, GitHub, Azure DevOps, Visual Studio, Atlassian Jira
Databases: SQL Server, CosmosDB
Agile Methodologies: SCRUM, Kanban

Experience

Software Engineer Plexure Group Ltd, Auckland, New Zealand.

January 2019 – Present

- C#, .NET Core, .NET Framework
- SQL and NoSQL database development – Microsoft SQL Server, Azure CosmosDB, AWS DocumentDB
- Azure Cloud, AWS Cloud

Producing .NET Core and Framework solutions on platform optimisation and re-engineering projects. Developing globally reaching products used by over 150 million registered users. Programming in C#, and using Azure and AWS cloud platforms and technologies.

Software Developer AlphaCert Labs Ltd, Auckland, New Zealand.

March 2018 - January 2019

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

Full-stack ASP.Net MVC development for investment management software. Primarily C#, HTML/CSS, and JavaScript. ETL and data transformation in C# with MEF. T-SQL database development, database migrations via Fluent Migrator.

Analyst Programmer Gentrack Ltd, Auckland, New Zealand.

August 2016 - March 2018

- Microsoft SQL Server, Oracle Database development

Defect fixes and extension of functionality of utilities billing software. Data analysis and database development using SQL. Collaboration with internal and external clients to achieve consistent, successful, results and outcomes.

Technical Consultant Business Mechanix Ltd, Auckland, New Zealand.

April 2015 - August 2016

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

Developed a website for international students to find study options in New Zealand. Managed and mentored a team of three interns working over the 2015/16 summer. Setup and managed Azure resources. Maintained and developed C# applications. Ad-hoc customer support.

Intern Developer University of Auckland IT Services, Auckland, New Zealand.

December 2014 - February 2015

- Java, Scriptella, Bash

Developed existing and new projects using Java. Created an HTTP driver for Scriptella, reverse engineered from the source code. Various ad-hoc Scriptella, Groovy and Bash scripts.

Education

Auckland University of Technology, Auckland, New Zealand

Bachelor of Computer and Information Science - Software Development Major

Topics covered included: 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.