JACK WITBROCK FINLAY

LOCATION: Melbourne, VIC
PHONE: +61 421901993
EMAIL: jack@jackfinlay.com
WEB: jackfinlay.com

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

Skills

Programming Languages: C#, SQL, JavaScript
Frameworks & Cloud: .NET Core & .NET Framework, ASP.NET, Azure Cloud
Databases: SQL Server, CosmosDB
Agile Methodologies: SCRUM, Kanban

Experience

Software Developer Tally Group Ltd, Melbourne, Australia.
April 2020 – Present

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

Producing .NET Core solutions for a cloud based utilities billing SaaS platform. 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/discharge data using Azure Durable Functions.

Software Engineer Plexure Group Ltd, Auckland, New Zealand.
January 2019 – April 2020

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

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

Full-stack ASP.NET MVC development for investment management software. Primarily C#, HTML/CSS, and JavaScript. ETL and data transformation in C# using Managed Extensibility Framework. 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

Feature development and bugfixes for utilities billing software. Data analysis and database development using T-SQL and PL/SQL. Collaboration with internal and external clients to deliver consistent and 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

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

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.