Michael Dryden

40 Ericson Crescent
Brandon, Canada R7A 5J1
E-mail: mjdryden@gmail.com Phone: (204) 724-5074
GitHub: https://github.com/mdryden

Languages:	C#, Python, HTML, JavaScript, CSS, T-SQL, Dart, Go
Frameworks:	ASP.Net Core MVC, Flask, FastAPI, Express, Flutter, NodeJS, VueJS, Go-Gin
Platforms:	Windows, Linux, AWS, GCP, Azure
Software:	Visual Studio, GitHub, GitHub Actions, Docker, Git, Kubernetes
Databases:	MS-SQL, Firestore, Firebase RealtimeDB, BigQuery, Redis, MongoDB

Work Experience:

Software Architect (Feb 2022 – Present)

Strive Business Solutions, Winnipeg, MB, Canada

Software architect building internal and customer-facing applications for a software startup working primarily in the financial sector.

Projects include:

- Completing a customer-facing web portal written in Flutter Web and Go, integrated with an in-house customer management system
- Developing an integration application connecting a Call Center application and in-house customer management systems
- Rebuilding monolithic backend service as a set of distributed microservices running in Azure Kubernetes Service

Responsible for mentoring other developers on the team, designing new solutions, building CI/CD pipelines and identifying opportunities for architectural improvement in existing projects.

Software Development Manager (Sept. 2018 – Feb 2022)

Rimmer Technology Partners, Glenboro, MB, Canada

Senior developer and team leader building enterprise applications for a major AgriFoods business, as well as developing in-house "Software-as-a-Service" applications.

Projects include:

- Maintaining, supporting and enhancing a legacy application built in .Net
- Developing cloud-based web products built in NodeJS, AngularJS, Python and VueJS
- Developing mobile applications for iOS and Android built with

Flutter

Responsible for mentoring other developers on the team, designing and implementing new features, and architecting new solutions.

***Software Developer* (2007 – 2018)**
Custom Software Solutions, Virden, MB, Canada

Project lead for industry-leading web-based insurance transaction software. Project involved SQL-driven ASMX and WCF web services using SOAP, ASP.Net MVC web development using HTML and AJAX. Responsible for architecting, building, testing and releasing stable software, meeting with clients and managing a team to meet project deadlines.

Other Related Experience:

110yards.ca (2018 – Present)

A free and open source CFL (Canadian Football League) fantasy football game, powered by the CFL's official API.

Hosted in Google Cloud, running on Firebase Hosting (VueJS), Google Cloud Run and Google Cloud Functions (Python + FastAPI and Go).

CFLStats.ca (2014 – 2019)

Built and maintained an independent statistics website for fans of the CFL using ASP.Net MVC. Site offered a searchable database of games, players and play-by-play dating back to 2008, and a JSON API to support use of data by third parties.

cfl-api.Net (2016 – Present)

A .Net wrapper for the CFL's official API. Project includes full support for the API up to version 1.25 and unit tests to verify accuracy. This project is available publicly on nuget and github.

City Game Tracker (2005 – 2007)

Built and maintained an open source video game fan site. Project included a client application to collect real time data, a website to interact with collected data and a SOAP service. Maintained a web and database server which handled several thousand registered users and 30-40 GB of data transfer monthly.

Education:

***Microsoft Certification: Programming in C#* (2018)**

***Computer Programmer* (2004 – 2006)**
Fanshawe College, London, ON

Attended three of four semesters toward the Computer Programmer diploma.