William Kennedy

Power Platform Developer at Transport Canada and **Full-Stack Developer** with two years of experience in developing, testing, and deploying scalable applications in fast-paced environments. Skilled in **Power Apps** and **Dataverse**, with a solid foundation in **cloud-based** web development, user interface design, backend integration and **Power BI**.

EDUCATION

Queen's University, Kingston ON — *B.A.Sc Computer Engineering*
April 2023

CERTIFICATIONS

PL-200: *Microsoft Power Platform Functional Consultant*
PL-300: *Microsoft Power BI Data Analyst Associate*
PL-900: *Microsoft Power Platform Fundamentals*

WORK EXPERIENCE

Transport Canada, Toronto ON – *Power Platform Developer, Aircraft Services Portfolio*
March 2024 - Present

- Designing a **secure national Training Registry Model-Driven App using JavaScript-driven dynamic forms, C# Plugins, and role-based data segregation**. Integrated with third-party systems to track ASD employee compliance with **ACA guidelines**
- Customized QA and Safety Management apps **(Model-Driven and Canvas) with JavaScript, Power Automate, and Dataverse**, enhancing workflows and functionality. Integrated tools like **XrmToolBox, Copilot, and Visual Studio Code.**
- Led data migration from **ASD DataLake to Medallion Lakehouse architecture**, optimizing data delivery. Developed data models **(Python/SQL)** and automated ingestion via Azure **Blob Storage, Databricks and Event Grid.**
- Created **PowerBi** dashboards from **Azure DevOps** data to monitor performance, improve project tracking and enhance resource allocation.
- Received **"Level 4 – Exceeded"** rating on initial Performance Management Assessment for outstanding contributions.

CarbonGraph, Toronto ON – *Full Stack Developer*
January 2022 - April 2023

- Led front-end development for a major redesign of CarbonGraph's graph model platform using **PERN** stack, contributing to its recognition as one of Foresight Canada's Top 50 **"Most Investable Clean-Tech firms"**
- Implemented **multi-tenant authentication using cookies and JWT's**, strengthening platform security across all user levels.
- Built and tested **type-safe APIs with TRAPC.io**, improving reliability and backend-frontend communication.
- **Deployed frontend/backend containers on AWS ECS, created Lamda functions, and maintained system reliability through log debugging.**

Rio Tinto, Kitimat BC – *Automation Engineering Intern*
May 2021 - August 2021

- Supported the automation team in deploying **advanced industrial** tech to **improve plant efficiency, safety and environmental performance.**
- Led a **$200K summer project** to integrate **machine vision i**nto the anode production line, automating the visual inspection of anode stems for defects.
- Maintained project timelines and deliverables during a prolonged labor strike, adapting to reduced resources and increased workloads

* References from Transport Canada Directors and Manager available. *

CONTACT

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TOOLS

React	Node.js
JavaScript	C#
TypeScript	Plugin
HTML	REST API
CSS	Data & Algorithms
Tailwind CSS	Responsive Design
Redux	Testing
SQL	Postgres
Python	Dataverse
AWS	MongoDB
Azure	Azure Storage
GitHub	Databricks
Power BI	Agile
Power Apps	CI/CD
Power Automate	GitHub
Copilot	

SOFT SKILLS

Time-Management

Organized

Coachable & Receptive

Team Collaboration

PROJECTS

- **Portfolio Website**
  https://18wsk.github.io/Portfolio
- **QuizIt AI**
  Custom quiz-generating game utilizing the ChatGPT model.
  https://quizit-ai.netlify.app
- **TheGrizzlyGrill**
  Freelanced custom website for local restaurant.
  https://thegrizzlygrill.ca/