

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

AI-900: Azure AI Fundamentals, October 2025

PL-200: Microsoft Power Platform Functional Consultant, August 2025

PL-300: Microsoft Power BI Data Analyst Associate, August 2025

PL-900: Microsoft Power Platform Fundamentals, February 2024

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 Power BI dashboards from Azure DevOps data to monitor performance, improve project tracking and enhance resource allocation.
- Received “Level 4 – Exceeded” rating on initial sPerformance 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 Lambda 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 into 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.

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://18wskgithub.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/>

* References from Transport Canada Directors and Manager available upon request.