

# 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, 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 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 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.

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

## CONTACT

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(613) 329-0514

## 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/>