

# William Kennedy

Experienced full-stack developer with over a year of expertise in developing, testing and deploying robust, scalable code in a fast-paced work environment. Skilled in cloud-based web, developing intuitive and responsive user interfaces and backend development.

## EDUCATION

### Queen's University — B.A.Sc Computer Engineering

September 2018 - April 2023

## EXPERIENCE

### CarbonGraph, Toronto (Remote) ON — Full Stack Developer

January 2022 - April 2023

- **Played a Pivotal Role:** Spearheaded the front-end development during the company's pivotal re-design of its graph model product using the PERN stack, contributing to our inclusion in **Foresight's Canada's Top 50 "Most Investable" Clean-Tech Firms.**
- **Authentication Systems:** Designed and implemented multi-tenant authentication systems, fortifying site-wide security by leveraging **cookies and JWT tokens.**
- **API Development:** Engineered and rigorously tested APIs using **TRPC.IO**, enhancing type-safety and optimizing backend-frontend communication.
- **AWS Expertise:** Acquired comprehensive knowledge of **AWS ECS** through hands-on experience deploying front-end and back-end containers, creating Lambda functions, and monitoring API logs.

### Rio Tinto, Kitimat BC — Automation Engineering Intern

May 2021 - August 2021

- **Efficiency Improvement:** Collaborated with the automation team to elevate the aluminum smelting plant's overall efficiency, safety, and sustainability through the deployment of cutting-edge industrial technology.
- **High-Value Summer Project:** Entrusted with a large-scale **summer project valued at over \$200,000, focusing on the integration of COGNEX industrial machine vision software.** Successfully automated the evaluation of anode-stems based on visual deformities, achieving a high level of accuracy.
- **Managed Labor Strike:** Navigated an extended strike with limited resources, maintaining deadlines despite long hours and heightened workload.

### Queen's University, Kingston ON — Walkhome Service Worker

September 2018 - May 2019

- **Outstanding Service Award:** Recognized for exemplary teamwork and upholding university values in maintaining campus safety.

### Moose Creek Reforestation, Dryden ON — Tree Planter

May 2019 - July 2019

- **Work Ethic:** Instrumental in the successful completion of both company contracts amassing over 1.5 million trees, and was able to plant record numbers my first season.

## CONTACT

613-329-0514

[will.stephen.kennedy@gmail.com](mailto:will.stephen.kennedy@gmail.com)

<https://www.linkedin.com/in/william-kennedy-0a917319b/>

## TECH SKILLS / TOOLS

React	REST API
NodeJS	SQL
JavaScript	MongoDB
TypeScript	AWS
HTML	Responsive Design
Redux	Data & Algorithms
CSS	Testing
TailwindCSS	Agile
Python	GitHub
PLC Programming	

## SOFT SKILLS

Time-Management

Organized

Coachable & Receptive

Team Collaboration

Complex Problem Solving

## Personal & School Projects

<https://18wsk.github.io/Portfolio/>

<http://swiftchat.ca>