

# Sebastian Kruszewski

Junior Full Stack Developer

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Vancouver, BC

## PROFESSIONAL SUMMARY

Portfolio Website: [SebastianKruszewski.com](https://SebastianKruszewski.com)

Second-generation Polish-Canadian immigrant, my early career in Electrical and Lighting Controls ignited a passion for technology and the latest innovations. Transitioning from a Red Seal Electrician, I have embraced software engineering through intensive studies at BrainStation, combining hands-on experience with problem-solving skills.

## SKILLS

JavaScript

TypeScript

HTML/CSS

Jquery

Microsoft SQL Server

MySQL

PostgreSQL

GraphQL

Express

React

Node.js

Docker

Git/GitHub

Visual Studio Code

Postman

Next.js

Next Auth

MongoDB

Pusher

Tailwind

## EXPERIENCE

### TEACHER ASSISTANT

BrainStation, November 2023–Present

- Instructed students in the following technical skills: Node.js, MySQL, Express, Web API's, REST API's, HTML/CSS, JavaScript, React, Git/GitHub, Visual Studio Code, & Postman
- Conducted code reviews, provided constructive feedback, and offered mentorship to help students improve their coding skills and project outcomes
- Collaborated with students to troubleshoot technical issues, debug code, and optimize their project development processes
- Graded assignments and delivered constructive feedback to students on ways to improve.

### LIGHTING INTEGRATIONS & CONTROLS SPECIALIST

Quantum Lighting, May 2019–April 2023

- Designed and implemented customized control logic for advanced lighting systems, with a specialization in Douglas lighting controls, enhancing system performance and adaptability
- Applied scripting and automation techniques to streamline lighting control processes, reducing manual intervention and improving operational efficiency
- Managed the setup and maintenance of PLC(s) and other controls equipment, implementing lighting systems effectively to ensure uninterrupted operation for clients
- Utilized technical expertise to diagnose and resolve complex issues with lighting controls, ensuring minimal disruptions and maximizing system reliability

## SERVICE ELECTRICIAN

Houle Electric, January 2018–April 2023

- Engaged proactively with new and existing Residential and Commercial customers to understand their unique needs and challenges, delivering tailored solutions through a range of specialized products and services
- Ensured strict adherence to the Canadian Electrical Code (CEC) during all installations and maintenance activities, guaranteeing electrical safety and code compliance
- Maintained thorough and accurate documentation of all installation projects, creating a comprehensive record of work completed and facilitating future servicing or inspections
- Installed a wide range of electrical and mechanical equipment, showcasing expertise in various systems, including but not limited to lighting, power distribution, and PLC(s).

## EDUCATION

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### CERTIFICATION IN FULL STACK JAVASCRIPT BOOTCAMP

BrainStation, December 2023

### CERTIFICATION IN ELECTRICAL

British Columbia Institute of Technology, December 2022

## PROJECTS

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InStock

<https://github.com/SebKrusz/InStock>

This project involves building a full-stack React application, 'InStock,' for an Inventory Management System catering to a Fortune 500 client. The existing system lacks scalability and struggles with performance under heavy traffic. The goal is to deliver a time-sensitive, modern, and scalable solution with a React front-end communicating with a robust Express back-end.

Counter-Strike Knowledge Base

<https://github.com/SebKrusz/Counter-Strike-Knowledge-Base>

Designed and built platform using React to empower gamers by providing a comprehensive set of tools for safe and informed Counter-Strike trading.

BrainFlix

<https://github.com/SebKrusz/sebastian-kruszeweski-brainflix>

Built a prototype for a video streaming platform, this endeavor involves transforming static designs into a functioning and responsive app prototype.

BrainStation x Roku Industry Hackathon

<https://github.com/SebKrusz/BrainStation-x-Roku-Team3-A->

Proudly participated in the winning design team at the Industry Day hackathon with an esteemed industry partner (Roku Inc.).

## LANGUAGES

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- **English**

Native

- **Polish**

Fluent