Sebastian Kruszewski

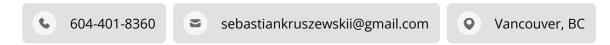Junior Full Stack Developer

📞 604-401-8360   ✉️ sebastiankruszewskii@gmail.com   📍 Vancouver, BC

PROFESSIONAL SUMMARY

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

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.
- Strategic planning and execution of lighting control installations, ensuring projects were completed within defined timelines and budgets while meeting the highest quality standards.

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

CERTIFICATION IN FULL STACK JAVASCRIPT BOOTCAMP

BrainStation, December 2023

CERTIFICATION IN ELECTRICAL, Vancouver

British Columbia Institute of Technology, December 2022

PROJECTS

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

- **English**
  Native
- **Polish**
  Fluent