

Professional Summary

As a highly accomplished Journeyman Electrician with a successful career of over a decade, I am excited to transition to the role of a full-time web developer. My interest in the field goes back to the early 2000s.

Accomplishments

BookStack: A custom, full-stack web app

BookStack is a custom built web application with complete functionality. Developed using multiple languages/frameworks. Live demo: bookstack.joshkaye.ca. Source code is available on my GitHub.

Front-End: React, React Router DOM, TailwindCSS

- The user interface was created using TypeScript, React, React Router DOM, and Google Books API
- Modern data retrieval techniques such as useQuery were incorporated.
- Efficient development was achieved through custom hooks to simplify components

Back-End: PHP, MYSQL, Custom API Router

- Data is fetched from the Google Books API and stored in a MYSQL database
- Custom-built router for flexible API endpoint definition by developers
- Custom RESTful API router returns JSON for front-end use

Work Experience

Pacific Western Power and Controls (2018 - Current)

- Led teams of electricians in executing electrical projects of large and small sizes.
- Maintained a strong, outstanding relationship with our largest client. Worked with multiple stakeholders, including other trades to oversee jobs to completion
- Assessed, forecasted, and executed all electrical needs for industrial food processing warehouses.

Freelance Web Development (2022 - Current)

- Collaborated with clients as a freelancer to install/host WordPress and to design custom WordPress themes tailored to their specific requirements. See: vitality-fitness.ca and bikesandbrews.ca

Skills

→ React	→ PHP	→ TypeScript	→ Git, GitHub	→ HTML
→ Node/Express	→ MYSQL	→ Astro	→ Figma	→ CSS
→ mongoDB	→ Laravel	→ TailwindCSS	→ Postman	→ Javascript

Education

- React Tutorial and Projects Course -Udemy, 60 hours
- The Modern JavaScript Bootcamp - Udemy, 52 hours
- Software Architecture and Clean Code Design in OOP - Udemy, 20 hours
- Full Stack JavaScript Path - The Odin Project, 127 lessons
- Learn to Code with Ruby - Udemy, 31.5 hours

Classes

- SOLID Principles: Introducing Software Architecture and Design - Udemy, 2 hours
- Object Oriented PHP & MVC - Udemy, 6.5 hours
- Laravel From Scratch 2022 - Traversy Media, 4 hours