

Chris Hildebrand

hildebrandc94@gmail.com | (519) 569-1795 | Toronto, ON

linkedin.com/in/c-hildebrand | github.com/Childebrand94 | github.com/Childebrand94/Portfolio

As I transition from electrical work to Full Stack Web Development, I've embraced intensive mentorship. This journey has sharpened my skills in both front-end and back-end technologies. It's been a self-driven path, where daily check-ins with my mentor on Slack have kept me accountable and honed my ability to estimate and manage my daily work effectively.

Projects

PathFindr (Travel Planning App)

Nov 2023 - Present

Ruby on Rails, PostgreSQL

- **User-Centric Design:** Crafted an intuitive authentication and registration system focused on security and ease of use.
- **Invitation System:** Developed a robust invitation feature with Rails mailers to facilitate collaborative trip planning among users.
- **Role-Based Access Control:** Developed an in-app role system enabling administrators to oversee trip plans, resolve itinerary conflicts, and manage group memberships, showcasing expertise in user authorization and group dynamics management.

Micro Reddit (2007 Reddit Clone)

Sept 2023 - Oct 2023

Go, React, TypeScript, PostgreSQL

- **Hierarchical Comment System:** Developed a comment system allowing nested comments, mimicking real-world discussion threads.
- **Debounce Feature for Live Search:** Introduced a debounce mechanism to optimize live search, reducing server load and enhancing responsiveness.

Blackjack Trainer(Card Counting Educational Tool)

July 2023 - Aug 2023

JavaScript, React

- **State Management with FSM:** Utilized a Finite State Machine to streamline game state management, enhancing decision-making processes.
- **Diverse Game Modes Implementation:** Created three unique game modes to cater to different learning aspects of Blackjack, enhancing user engagement and skill acquisition.
- **Created a Custom React Hook for Game Logic:** Developed a custom React hook to centralize game logic, facilitating code reuse across game modes.

Technologies and Languages

- **Languages:** TypeScript, JavaScript, Go, Ruby, Python
- **Technologies:** Postgres, Git, Ruby on Rails, RSpec, React, Bootstrap, TailWind, Heroku
- **Tools:** Vim, VsCode

WORK EXPERIENCE

WSN Construction

Jan 2023 – Oct 2023

Electrician

Geraldton, ON

- **System Installation & Operation:** Ensured the efficient installation and operation of complex electrical systems, prioritizing precision and safety in demanding environments.
- **Team Collaboration:** Collaborated effectively with team members on cable pulls and rigging installations, contributing to optimized project outcomes.
- **Technical Documentation:** Produced clear and precise documentation for installations and modifications.
- **Leadership & Recognition:** Recognized for technical expertise, assigned to manage crucial installations and led efforts in procedural enhancements to boost operational efficiency.

Mellon Inc

Nov 2021 – Sept 2022

Electrical Foreman

Sarnia, ON

- **Leading & Teamwork:** Stepped up as a Foreman, guiding a team of 12. Created a team-focused work environment.
- **Scalable Project Management:** Demonstrated ability to manage large-scale projects with a focus on modern, efficient outcomes.
- **Site and Safety Management:** Worked with other contractors to manage road closures and kept my team safe on the job.

EDUCATION

Full Stack Web Development MentorShip

June 2023 - Feb 2024

<https://timjohns.ca/mentorship.html>

- **Comprehensive Skill Development:** Acquired extensive knowledge in front-end and back-end web development, mastering technologies like React, Ruby on Rails, and SQL through a series of practical, real-world projects.
- **Project Management and Problem-Solving:** Improved project planning and execution skills; adept at using flexible strategies for building websites, swiftly adapting to developmental challenges.

Electrician Construction & Maintenance (Apprenticeship)

Jan 2021

Conestoga College | Kitchener, ON | GPA: 3.98

- **Technical Training:** Acquired comprehensive knowledge in electrical systems, covering both theory and hands-on practice in areas such as wiring, circuitry, safety protocols, and electrical code standards specific to Ontario, Canada.
- **Practical Skills Development:** Gained valuable experience through practical exercises and simulations, enhancing skills in electrical installation, troubleshooting, and maintenance, with a strong emphasis on adherence to industry safety and quality guidelines.