

WORK EXPERIENCE

Clearco (formerly Clearbanc) Toronto, ON

Software Engineer
Nov 2020 – Present

- Extended the mission critical automatic invoicing system to automatically pause debits for customers who are on capped payment plans, saving dozens of hours each month for the payments team
- Optimized the business id look up for the nightly adjudication RabbitMQ job, reducing load on the database by 50%
- Collaborated with design team on implementing a reusable component library for the new design system, leading to 30% increased code throughput on front end projects
- Developed the technical specifications and then delivered the front end redesign for the customer facing application, which lead to 20% faster capital spend by founders using the platform, and 25% reduction in customer support requests
- Implemented Global Remittance Rate service, the foundational system that enabled multiple product offerings in the customer on boarding flow, versus only a single product
- Led the development effort of integrating the Superblocks low code platform into our systems, enabling the rapid development of internal tools, and freeing up developer resources
- Efficiently delivered a multitude of features involving updates to the user interface and extending server side logic

Morrison Hershfield Burlington, ON

Building Science Consultant
Mar 2017 – June 2019

- Accelerated market adoption of a new entrant into the building membranes market by being the on call technical reference for their clients and regulatory matters
 - Drafted technical details and specifications for their product offerings
 - Maintained and iterated on the file on behalf of the client
 - QA site reviews to enable warranties for their clients
- Building envelope commissioning services for Humber College Building Nx, a deep energy retrofit of a 5 storey administrative building
 - Achieved a 70% energy use reduction and 90% GHG emission reduction
 - Construction field review and reporting
 - Field testing of assemblies for air and water leakage
- Quality assurance review for the concrete foundation of Novus, a two tower mixed use development in Toronto
 - Ensured conformance to manufacturer specifications, enabling the 25 year extended warranty of foundation waterproofing for the building owner and client

SUMMARY

Determined engineer who learns quickly with a track record of solving complex business problems.

EDUCATION

McMaster University B. Eng. Mgmt, Civil

Apr 2016

Five-year program combining engineering with business

Next Academy Bootcamp Full Stack Web Development

Sep 2019

Ten-week intensive coding bootcamp culminating in launch of an app idea

SKILLS

Front End

VueJS	ReactJS
NextJS	SvelteJS
Tailwind CSS	ThreeJS
Responsive UI	Cypress

Back End

NodeJS	Go
PostgreSQL	MongoDB
RabbitMQ	Firebase
Typescript	Jest

Dev Ops

Docker	Kubernetes
Google Cloud	Jenkins

PERSONAL PROJECTS

ifrit.vercel.app

Generate solar charts based on a user provided location

learning-quest.vercel.app

Interactive learning game for children

CONTACT

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