

Kristofer Gaudel

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TECHNICAL SKILLS

Languages: Typescript, Javascript, Python, Go, SQL

Technologies: React, Redux, Jest, GraphQL, Node.js, Jenkins CI/CD, Kubernetes, Terraform, Azure, Figma

EXPERIENCE

Infrastructure Engineering Intern

Jan. 2023 – Apr. 2023

John Hancock Financial

Toronto, ON

- Cloud Architecture Team - *Azure, Grafana, Go, SQL, Kubernetes, Terraform*

Software Engineering Intern

May 2022 – Sep. 2022

NCR Corporation

Waterloo, ON

- Developed **15+ core features** for a proprietary banking application to production using *React* and *Javascript*
- Implemented unit and end-to-end testing to **increase application testing coverage by 10%** using *Jest* and *React Testing Library*
- Restored crashed *Kubernetes* pods to **unblock 30+ developers**
- Managed the integration, testing, and deployment of features using *Jenkins CI/CD*

Full Stack Engineering Intern

Jul. 2021 – Oct. 2021

WireBuddy

Toronto, ON

- Built **10+ core features** (e.g. Customer chat, Receipts) for MVP using *React, Redux, Typescript, Python, and MySQL*
- Lead the development of a full-stack marketing page using *Gatsby* and *GraphQL* that reached **200 unique monthly visitors**
- Managed and automated feature deployment using *Github CI* pipeline

Software Development Intern

Sep. 2019 – Jan. 2020

University Health Network

Toronto, ON

- Lead the development of a GTA hospital database application using *HTML, CSS, and Node.js* to retrieve and display data from **over 30 hospitals**
- Architected a marketing website for an in-house data visualization tool using *Javascript* and *Express* to market the project's goals to investors
- Performed QA testing on a proprietary diabetes management app to identify **10+ bugs in production**

PROJECTS

Tysp | *Custom Lisp Interpreter*

- Wrote an interpreter for a subset of the Lisp language using *Typescript*
- Developed core features such as a **parser, evaluator** and **Abstract Syntax Tree**

Driftr | *HackTheNorth 2020++ Project*

- Lead the design and implementation of UI/UX mockups for a full-stack drowsy-driving prevention app in *Figma*
- Built application features using *Vue.js, Javascript*, and *CockroachDB* for data persistence
- Implemented machine learning models using *Tensorflow* to track user movements and classify drowsy drivers

Elevate Finance | *UniHack 2020 Project*

- Designed the user interface and various app screens in **Figma** and built them in **Dart** and **Flutter**
- Integrated data persistence and user authentication using *Firebase*
- Created machine learning models in *Tensorflow Lite* to identify user financial statements

EDUCATION

University of Waterloo

Waterloo, ON

Honours Bachelor's of Computer Science - Computer Science

Sep. 2021 – May 2025

Wilfrid Laurier University

Waterloo, ON

Honours Bachelor's of Business Administration - Business Administration

Sep. 2021 – May 2025