Kristofer Gaudel

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TECHNICAL SKILLS

Languages: Typescript, Javascript, Python, Go, MySQL, HTML, CSS
Technologies: React, Redux, Jest, GraphQL, Node, Gatsby, Git, Jenkins, Kubernetes, Docker, Figma

EXPERIENCE

Software Engineering Intern
May 2022 – Sep. 2022

NCR Corporation
Waterloo, ON

- Shipped **15+** features for a proprietary banking application to development using **React** and **Javascript**
- Wrote unit and integration tests using **Jest** and **React Testing Library** to increase testing coverage by **10%**
- Restored and updated crashed **Kubernetes** pods that were previously blocking **30+** developers
- Oversaw automated deployment and continuous integration pipelines with **Jenkins** to build, test and deploy features

Full Stack Engineering Intern
Jul. 2021 – Oct. 2021

WireBuddy
Toronto, ON

- Built **10+** features such as Customer Chat, Receipts, and Work Events using **Typescript**, **React** and **Styled Components**
- Created a full-stack marketing page using **Gatsby**, **GraphQL** and **Typescript** to attract **200** unique monthly visitors
- Implemented **Redux** throughout the application for state management, and **Sagas** for **API** calls
- Developed layers for a **REST-API** in **Python** to send and receive data from a **MySQL** database

Software Development Intern
Sep. 2019 – Jan. 2020

University Health Network
Toronto, ON

- Developed a hospital database application using **HTML**, **CSS**, **Javascript, Bootstrap**, **Node**, and **Google Maps APIs** so hospital workers can quickly access information from **30+** hospitals in the GTA
- Shipped a prototype website for the proprietary project APEEE using **HTML**, **CSS**, **Javascript**, **Express**, and **Node** to effectively market the project's goals to investors
- Performed **quality assurance testing** to identify **10+** bugs for Bant, a leading diabetes management mobile application

President - SATEC @ W.A Porter Computer Science Club
Oct. 2020 – Jun. 2021

SATEC @ W.A Porter
Toronto, ON

- Organized a club of over **100** students teaching members foundational programming concepts in **Python**
- Instructed lessons on topics such as iteration, functional programming, recursion, classes, and data structures

PROJECTS

Driftr | *HackTheNorth 2020++ Project*

- Driftr is a full-stack application that raises awareness about the dangers of drowsy driving by leveraging machine learning models to identify sleep drivers
- Created the application from the ground up using **Vue**, **Quasar**, **CockroachDB**, **Electron**
- Implemented machine learning models using **TensorFlow** to track user's blink rates and eye movements
- Designed the user interface and user experience flows in **Figma**

Elevate Finance | *UniHack 2020 Project*

- Elevate Finance is a mobile application that promotes financial responsibility by effortlessly scanning bills and receipts to track monthly spending
- Designed the user interface and various app screens in **Figma** and built them in **Dart** and **Flutter**
- Integrated user authentication, account creation, and login functionality with **Firebase**
- Implemented **TensorFlow Lite** to scan bills, receipts, and other 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