Kristofer Gaudel

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TECHNICAL SKILLS

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

EXPERIENCE

Software Engineer Intern   May 2022 – Current
NCR Corporation   *Waterloo, ON*
- Engineering front-end components in React and Javascript for a proprietary banking application
- Architecting unit and integration tests with Jest and React Testing Library
- Managing automated deployment and continuous integration with Jenkins
- Overseeing site reliability operations with Kubernetes and Docker

Full Stack Engineer Intern   Jul 2021 – Oct 2021
WireBuddy   *Toronto, ON*
- Built front-end components on the main app and marketing site (Chatbox, Customers, Receipts, and Work Events) using TypeScript, ReactJS, Gatsby, and Styled Components
- Implemented Redux throughout the application for state management, and Sagas for API calls
- Developed layers and paths for the REST-API on the back-end in Python and MySQL

Software Developer Intern   Sept 2019 – Jan 2020
eHealth Innovations @ University Health Network   *Toronto, ON*
- Developed a hospital database application using HTML, CSS, Javascript, Bootstrap, NodeJS, and the Google Maps API
- Completed a prototype website for the UHN project APEEE using HTML, CSS, Javascript, Express, and NodeJS
- Collaborated with the digital health team to perform quality assurance testing for Bant

President - SATEC @ W.A Porter Computer Science Club   Oct 2020 – June 2021
SATEC @ W.A Porter Collegiate Institute   *Toronto, ON*
- Organized a club of over 100 students teaching members foundational programming concepts in Python 3
- Oversaw a team of 10 admins to facilitate meetings and club activities
- Led lessons on topics such as iteration, functional programming, recursion, classes, and data structures

PROJECTS

Driftr | *HackTheNorth 2020++ Project*   Jan 2021
- Driftr is a full-stack application that was created to stop drowsy driving using machine learning
- Created the application from the ground up using Vue.JS, Quasar, CockroachDB, Electron
- Implemented machine learning models using TensorFlow to track user's blink rates and eye movements
- Designed the user interface in Figma and created an audio-visual marketing campaign using Adobe Premiere, and FL Studio 20

Elevate Finance | *UniHack 2020 Project*   Nov 2020
- 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   *Sept 2021 – May 2026*

Wilfrid Laurier University   Waterloo, ON
Honours Bachelor's of Business Administration - Business Administration *Sept 2021 – May 2026*