

## SKILLS

**Languages:** SQL, Python, C#, HTML, CSS (Sass), JavaScript (TypeScript), Java, Dart

**Tools/Frameworks/Libraries:** Next.js / Express.js, React / Redux, React Native, Angular, Material UI, Chakra UI, Spring Boot, Tkinter, Pandas, Django, Flutter

**Concepts:** Responsive Web Design, Version Control (Git), Search Engine Optimization (SEO)

## WORK EXPERIENCE

**TD Bank: Software Engineer (CRM & Case Management Tech)** May 2024 – Present

- Removed 500+ lines of code bloat through code refactoring to reuse **React**, **Angular** and **Material UI** components
- Developed API endpoints using **Java Spring Boot** to integrate data from distinct sources and wrote tests using **JUnit** and **Mockito**
- Implemented microapps enabling 30+ wealth advisors to efficiently create, search and review customer insurance tickets

**TD Bank: Software Engineer (Cybersecurity)** Sep 2023 – Dec 2023

- Optimized the end to end user experience by **15x** by processing **250,000+** records through lazy loading, database indexing, SQL query optimization, and multithreading with **Python**, **Pandas**, **Tkinter** and **SQLite**
- Automated incident response metrics infrastructure using **Python**, **Grafana**, and **MS SQL Server** to monitor performance issues in complex security platforms via HTTP requests
- Created Pytest unit and functional test automation, mocking HTTP requests via VCR test library

**Definity Financial: Software Developer (Robotic Process Automation)** Sep 2022 – Dec 2022

- Cut the company costs by **\$150,000** by creating a bot to migrate over 9 years' worth of confidential customer claim files using **UiPath**, **C#**, and **Visual Basic**
- Developed a bot to filter through hundreds of Excel data pulled daily to reduce teams' effort by 30 minutes each day

**RBC Epic Founders Program: Front End Developer** May 2021 – Aug 2021

- Engineered an **Android** and **iOS** full stack app helping **19,000** students find nearby events and classes using **Dart** and **Flutter**
- Combined the **Google Maps API** with Flutter widgets for users to manage location-based events into calendar system using **CRUD**
- Authenticated users using **Firebase**, ensuring that accounts required different permission levels

**Blackberry Limited: Information Technology Project Coordinator** Jan 2022 – Apr 2022

- Successfully transitioned marketing team from Waterfall to Agile (Scrum and Kanban) by creating detailed project road maps, training sessions, and work breakdown structures using Jira, Confluence and Smartsheet

**Everlink Payment Services: Business Technical Analyst** May 2021 – Dec 2021

- Collaborated with a cross functional team to deliver user requirements documentation, and process workflow
- Designed and executed integration testing plans for new application functionality, and product releases

## PROJECTS

**FitLog Dashboard | [Github](#)** Oct 2023 – Present

- Designed wireframes for the user interface using **Figma** and implemented product features for a fitness tracking website application with **React**, **Material UI**, **Django**, and **PostgreSQL**

**SheHacks Hackathon: GreeneryMiles – 2<sup>nd</sup> Place Overall and General Motors Prize | [Devpost](#) | [Github](#)** Jan 2023

- Directed a team to build a data analyzation tool web app for environmental footprint metrics, utilizing a tech stack consisting of **MongoDB**, **Express.js**, **Node.js**, **React-Redux** and 4 backend APIs

**WinHacks Hackathon: Uni-Maps – 1<sup>st</sup> Place for Best Business Idea | [Devpost](#) | [Github](#)** Mar 2021

- Organized a team to build a mobile app for students to find events around campus on a centralized platform using **Google Maps API**, **Flutter**, **Dart** and **Firebase**

## EDUCATION

**Wilfrid Laurier University: Double Degree Business Administration and Computer Science** Sep 2019 – Aug 2024

- Concentration:** Business (Finance) & Computer Science (Big Data Systems)
- Related Coursework:** Object-Oriented Programming, Algorithm Design/Analysis, Data Structures, Computer Networks, Statistics
- Certifications:** Scrum Fundamentals Certified (SFC), Six Sigma Yellow Belt, Bloomberg Market Concepts
- Awards/Scholarships:** 1<sup>st</sup> Place TD 1D8 Innovation, IKEA's Sustainability Semi-Finalist, \$3,000 Entrance Scholarship