JORDAN WICKENS

SOFTWARE ENGINEER

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SKILLS

LANGUAGES	JavaScript, C#, C/C++, Python, TypeScript
TECHNOLOGIES	Node, MongoDB, PostgreSQL, MySQL, Express, ActiveMQ, Vue, React, MongoDB, Docker, Git, AWS DevOps, Azure DevOps, Jest, CosmosDB

WORK EXPERIENCE

Jan. 2023 to Current

Equitable Life of Canada · Software Engineer · Waterloo, ON (Remote)
- Implemented a **new virtual healthcare solution** into a large benefit management system
- Created documentation on API, data objects, and domain values for a large monolithic system
- Implemented a **ground-up rework** of a C# monolithic system to React front-end with microservices architecture

Feb. 2021 to Dec. 2022

Fluxuous, Inc · Software Engineer · Waterloo, ON (Remote)
- Built major features and **overhauled the mobile app** UI/UX with React Native
- Built a bot to fetch data to a Google sheet daily
- Redesigned web dashboard and **improved PDF export** format
- Built an **incidence response dashboard** to monitor IoT devices and alert engineers of an outage

July 2020 to Sept. 2021

ParkCo · Software Engineer · Waterloo, ON (Remote)
- **Optimized API requests** for the InsightMonitor system, leading to a **50% reduction**
- Re-architected the ParkCo project management system for agile development
- Optimized the user signup process, utilizing **Auth0 for authentication**
- Built complex **Vue components** for a parking violation system
- Built a way-finding system that sends real-time data to LED signage via **RJ45 protocol**
- Built **webhook architecture** to process real-time events and queue them for consumption

PROJECTS

2023

Captive Portal Email Collector
- Built a **custom splash page** for a captive portal that collects emails on a guest WiFi network

2019

Best Chess Move
- A Google Chrome extension that highlights the best move to make in real-time based on board position

2017

Yardable
- Developed an **online booking system** for users to book property maintenance services

EDUCATION

Sept. 2018 to 2021

Conestoga College · Software Engineering Technology
- Operating Systems
- Algorithms
- Data Structures
- Applied Cryptography
- Computer Security & Privacy
- Computer Networks
- Software Testing and Quality Assurance
- User Interfaces