KOJO OBENG-ARHIN

SOFTWARE ENGINEER

☐ (647) 707-5915 | ✉ contact@kojoarhin.com | 🏠 www.kojoarhin.com | 🐙 kojoObeng | 🔗 kojo-obeng

Professional Experience

NeuPath Health
Toronto, Ontario

Intermediate Full Stack Software Engineer
Jan 2022 - Current

- Upgraded several RESTful APIs from .Net Core 2.0 to .NET 6.0, increasing code readability and compatibility, and server response speeds by over 64%
- Architected and developed the entire front-end of a responsive web app to facilitate easier communication between health advisors and their patients in React and Typescript
- Led the migration of production database and APIs from MSSQL/Azure to MySQL, handling all code changes involved with the process
- Devised a series of UI improvements on neupath.com to decrease customer conversion time and completely eradicate redundancy in patient records in Angular

Adventure Rentals
Toronto, Ontario

Software Engineer
Apr 2021 - Jan 2022

- Implemented identity verification integration with Stripe API to decrease insurable risk by over 90%
- Created an embedded legal waiver document creation UI as a main selling point to rental providers in React, resulting in a 20% increase in host sign-ups
- Redesigned the chat system to filter prohibited communication and increase customer retention in Node
- Built a feature to enable hourly booking across timezones, carefully handling concurrency and overlapping interval issues

Co-operators
Waterloo, Ontario

Software Developer Intern
Sep 2019 - Dec 2019

- Resolved bugs to improve user experience on an Angular web app improve fraudulent claim detection
- Established build scripts using Maven, Bash, and Groovy to package, compile, and deploy code in Jenkins, pioneering an automatic build pipeline
- Generated and maintained unit tests to ensure 100% test coverage

Skills

General Programming	Node.js, Python, RESTful APIs, MySQL, SQL, Linux, Git, C#
Front-end	React.js, Typescript, Javascript, Redux, HTML, CSS
Hobbies	Soccer, Poker, Cooking (poorly), Football, Community Service for at-risk youth

Projects

kojoPlay

Full Stack Web App

- Dynamic React app to play music and lyric videos on YouTube controlled by Spotify app. Styled with Bootstrap using a Node back-end interfacing with Spotify and Google APIs. Hosted on Heroku, soon to be moved to AWS

kojoarhin.com

Personal Website

- The second iteration of my personal website to display my projects written in React, HTML, and CSS

Education

University of Waterloo
Waterloo, Ontario

Bachelor of Mathematics (BMath)
Sep 2015 - Aug 2020

Major: Statistics | Minor: Computer Science

Wilfrid Laurier University
Waterloo, Ontario

Bachelor of Business Administration (BBA)
Sep 2015 - Aug 2020

Specialization: Finance