Yassa Taiseer

905-805-6090 | yassataiseer@gmail.com | linkedin.com/in/yassa-taiseer/ | github.com/yassataiseer

EDUCATION

University Of Waterloo — Waterloo, ON
Bachelor of Honours Mathematics — *2027*

Wilfrid Laurier University — Waterloo, ON
Bachelors of Buisness Administration — *2027*

TECHNICAL SKILLS

Languages: Python, Go, SQL, JavaScript, TypeScript, C#, C++, HTML/CSS, Dart, Java, Swift
Technologies: Node, Express, Flutter, Angular, React, Flask, MySQL, Firebase, Cloud Functions, MongoDB, Bootstrap, Spring Boot, , Blazor, Memcached, Redis, SwiftUI
Developer Tools: Git/GitHub, Bash, Docker, PythonAnywhere, Figma, Linux

EXPERIENCE

Software Engineer Intern — June. 2022 – Sept. 2022
Work Louder Inc. — *Montreal, QC*

- Used JavaScript, HTML, and CSS to develop a web application that recommended keyboard and keyboard parts to tech enthusiasts
- Developed a user-friendly web admin tool for employees to easily perform CRUD actions on the Firebase back end containing keyboard data allowing them to update inventory accordingly
- Set up an instance of **Firebase Cloud Functions** with **Node.js** and **Express.js** to scrape data from keyboard websites in **under 50 ms** to generate cards that users can view and select
- Incorporated caching to make shopping lists generate faster as such reducing wait time

Full Stack Developer — Sept. 2021–Feb. 2022
Tik Tech Electronics — *Milton, ON*

- Developed an internal CRM tool to increase worker productivity by being able to effectively manage tasks like: sales, services and inventory of the store
- Utilized **JavaScript, Bootstrap and Blazor WASM** on the frontend which interacts with **Flask API and MySQL** backend as well as generate receipts for orders
- Conducted thorough testing on both frontend and backend with **Pytest** prior to pushing to production such as making sure the database is connecting and able to perform CRUD actions

PROJECTS

MyCanadianDorm | *Python, Flask, Angular, MySQL, Docker, Redis, Memcached*

- Used **Angular** and Flask to create a dorm rating website for schools in Canada with over 100 reviews
- Hosted on **Netlify** using **automated testing** for any errors
- Data is stored on MySQL and a private panel was developed to moderate reviews
- Recently incorporated rate limiters to the backend avoid spam using **Memcached and Redis**

DlvrMe | *Python, Flask, Flutter, MySQL, C#*

- Developed a mobile-web application using **Flutter, C# and Dart** for inner-city package delivery
- Backend with built in **blueprints, testing, route management and rate limiters**
- Data is stored on MySQL with data validation to prevent corrupted values
- Implementation of basic security measures such as BasicAuth to avoid hacking and data breaches

YouTube Channel | *Python, Golang, C#, Java, C++, SQL*

- Create educative videos regarding Computer Science ranging from basic to advanced in areas like: **game development, web development, data structures and algorithms and databases**
- Grew to over **500 subscribers with 81 videos and 57,000 views** as of June 2023
- Channel Link: https://www.youtube.com/c/yassataiseer