Michias Shiferaw

Software Engineer • Student • Software Developer

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Summary Of Qualifications_____

- ➢ Third year software engineering student at the University of Ottawa
- ➢ Over twelve months' experience in software development
- ➢ Leading application cycle from conception to completion
- ➢ Programming experience with Python, Java, JavaScript, and Golang
- ➢ Fluent in English, intermediate in French

Education_____

University of Ottawa (3.8 GPA)   *Ottawa, Ontario*
BASc. in Software Engineering   *September 2020 - April 2024*

Scholarship: Admission Scholarship, Costco Canada Scholarship, First Generation Bursary, Dean Merit

Relevant Coursework: Object Oriented Programming, Data Structures and Algorithms, Introduction to Software Engineering, Operating Systems, Software Quality Assurance, Analysis & Design User Interfaces

App Academy - Full Stack Development Course   *April 2021 - August 2021*

Focuses in: JavaScript, JSON, HTML/CSS, Ruby, Ruby on Rails, MySQL, PostgreSQL, GraphQL

Projects_____

FaceYourFood

React, SCSS, Bootstrap5, JavaScript, JSON, Firebase, GitHub (https://faceyourfood.netlify.app/)

- ➢ Composed a high-level recipe website using **ReactJS**
- ➢ Integrated a **Firebase** project as the **back end** to store recipes, and **user authentication**
- ➢ Implemented **Bootstrap 5** as the front end framework to provide a vibrant application

Multiplayer Coin Game

JavaScript, HTML5, VanillaJS, Firebase, GitHub (https://michiasshiferaw.github.io/game/)

- ➢ Programmed a multiplayer coin game using **VanillaJS**
- ➢ Integrated a **Firebase** project as the **back end** to store user in-game data

Easy Fit App

Android Studio, Java, Firebase, GitHub (https://github.com/MichiasShiferaw/Fitness-App)

- ➢ Developed a **Java application** using **Android Studio** to emulate a fitness class booking service
- ➢ Stored classes information and fit using **Firebase Firestore**
- ➢ Authenticated users using **Firebase Authentication**

Work Experience _____

Trend Micro   *Kanata, Ontario*
Software Developer   *September 2022 - December 2022*

➢ Implemented AWS cloud native applications through strong code skills
➢ Strengthened AWS Service skills by integrating Serverless applications
➢ Deployed applications through automated Jenkins CI/CP pipeline
➢ Maintained and updated AWS microservices architectures and event-driven architectures.

University of Ottawa   *Ottawa, Ontario*
Software Engineer   *January 2022 - April 2022*

➢ Designed, planned, and developed websites using JavaScript, HTML, CSS as requested by the client
➢ Planned and scheduled biweekly sprints that satisfied the client wishes to have online hubs with learning modules for undergraduate medical students
➢ Presented the work of the website to the client in weekly scrums, to ensure a harmonious result for the client

Code the Dream   *Durham, North Carolina (Virtual)*
Web Developer Tutor   *July 2021 - January 2022*

➢ Displayed leadership skills through constant motivation through positive feedback on students' assignments
➢ Presented a high degree of organization skills through maintaining records of all student scores on assignments
➢ Demonstrated punctuality skills by producing assigned grades in a timely manner so markings can be returned on a regular basis

The Association of Faculties of Medicine of Canada (AFMC)   *Ottawa, Ontario*
IT Technician   *April 2021 - September 2021*

➢ Demonstrated attention to detail when performing maintenance of On-Premises and Azure Active Directory environments
➢ Tested/Updated Network infrastructure through the applying of patches/updating monitoring software
➢ Strengthened web development skills by supervising the transfer of DNS through GoDaddy and Google Domain
➢ Demonstrated programming skills by creating a high-level VBA Marco code on Excel to retrieve the most efficient method of deployment

Skills_____

Languages: Golang, Java, ReactJS, JavaScript, NodeJS, Python, CSS, SQL, HTML, C++, MongoDB, Express

Tools: Docker, Jenkins, Ubuntu, AWS, Slack, Junit, TestNG, Selenium, NPM, CMD, GitHub, GitLab, Jira, Confluence, Microsoft Office, Notepad++, Visual Studio, VSCode,

Database: Data Models, Firebase, Microsoft SQL Server, PostgreSQL,

Soft Skills: Adaptability, Agile frameworks, Bilingual, Communication, Conceptual Skills, Creative Thinking, Leadership, Software Development Life Cycle, Teamwork, Time Management, Troubleshooting,