Emmanuel Sogelola

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EDUCATION

McMaster University	Sep. 2021 – Apr. 2024
Bachelor of Technology in Software Engineering Technology	*Hamilton, Ontario*

George Brown College	Sep. 2018 – May 2021
Advanced Diploma in Computer Programmer Analyst	*Toronto, Ontario*

EXPERIENCE

Software Engineer Intern - iOS　　　　　　　　　　　　　　　　May 2023 – Aug. 2023
Twitch - Amazon　　　　　　　　　　　　　　　　　　　　　　*San Francisco, California*

- Devised an enumeration of predefined language tags, ensuring the user-selected languages are consistently applied and streams are updated in real-time
- Implemented a "Sort By" accessory text button for the streams header that opens an action sheet presenting users with the choice to filter their currently followed live streams seamlessly.
- Introduced a new search bar, tucked behind a feature flag, providing users with a comprehensive filter view and easy selection of language tag options – *Launched to production.*
- Orchestrated **GraphQL** queries to fetch user-specific streams, reinforcing efficient data retrieval while ensuring the accurate reflection of user preferences.

Software Engineer Intern　　　　　　　　　　　　　　　　　Jan. 2023 – May 2023
Wealthsimple　　　　　　　　　　　　　　　　　　　　　　　*Toronto, Ontario*

- Created **Apache Airflow DAG**s in **Python** for automated calls to a **Ruby** API, streamlining data retrieval and reducing network overhead by about **30%**.
- Deprecated **3** inactive feature flags and refactored legacy **Angular** components, reducing system complexity and ensuring backward compatibility.
- Efficiently merged two datasets in Ruby, optimizing data extraction from varied external APIs
- Managed on-call tickets, leading to a **15%** reduction in application downtime through swift issue resolution.

Software Engineer Intern　　　　　　　　　　　　　　　　　Sep. 2022 – Dec. 2022
Zendesk　　　　　　　　　　　　　　　　　　　　　　　　　*Montreal, Quebec*

- Created a migration script to delete apps from **1.03 million** accounts including **59.2k** "ghost accounts" stored within SunCo, improving data management.
- Documented methods for aggregating data through **Tableau** and **Google Data Studio**, preserving data access.
- Enhanced storage and retrieval of over **1,000+** archived reports, enabling proper access for analytics teams

Software Engineer Intern (Pipeline)　　　　　　　　　　　　　May 2022 – Aug. 2022
Momentive (Formerly SurveyMonkey)　　　　　　　　　　　　　*Ottawa, Ontario*

- Replaced **41** legacy Jenkin jobs with **GitHub Actions** workflows, reducing production cost by **23%**
- Built connectivity between **GitHub Action runners** and **Selenoid** grid using **Ansible**, **TerraForm**, and custom cloud provisioning tools, improving testing efficiency
- Automated test suites to run in parallel with **Allure Reports**, cutting run time by **45%**.

Junior Developer Intern　　　　　　　　　　　　　　　　　　Sep. 2021 – May 2022
InnovFin Consulting Inc. (Blockchain Consulting)　　　　　　　　*Peterborough, Ontario*

- Orchestrated a new platform and content management system to maintain blog data accessed by over **1000+** monthly readers utilizing a custom scalable back-end (**Amazon EC2**, **Node.js**, **JavaScript**, **GraphQL**) deployed on public cloud infrastructure (**Amazon Amplify**) and administrative dashboards (**React**)
- Assisted in the development of a blockchain marketplace with a cross-platform mobile application (**JavaScript**, **React Native**) and a cryptocurrency reward system (**Moralis Web3**, **Solidity**, **React**)
- Refactored **32** React components by creating generic services & components improving performance & maintainability by *approx.* **26%**

TECHNICAL SKILLS

Languages: Java, Python, JavaScript/TypeScript, Swift, C/C++, SQL (Postgres), Ruby, HTML/CSS
Frameworks: React, Angular, Node.js, Flask, Django, JUnit, WordPress, Material-UI, Tailwind CSS, SwiftUI
Developer Tools: Git, Docker, TravisCI, Google Cloud Platform, AWS, VS Code, GitHub Actions, Ansible