TITO OSEMOBOR

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EDUCATION

B.Sc Computer Science Co-op (Honours)
Toronto Metropolitan University

📅 Sep 2021 – June 2026   📍 Toronto, ON.

Relevant Coursework: Artificial Intelligence, Data Structures and Algorithms, Web Development, Database Systems, Operating Systems

WORK EXPERIENCE

Software Developer Co-op
RBC - Amplify

📅 May 2024 – Sep 2024   📍 Toronto ON.

Software Developer Co-op
RBC - Mobile Services Development

📅 Jan 2024 – April 2024   📍 Toronto ON.

- Participated in the migration initiative, transitioning applications and services from Pivotal Cloud Foundry (PCF) to Microsoft Azure, aligning with strategic business goals.
- Collaborated with development teams to refactor springboot applications, optimizing them for Azure's architecture and taking advantage of specific Azure services for improved performance and scalability.
- Conducted rigorous testing procedures, including functional, performance, and security testing, to validate the proper functioning of applications in the Azure environment.
- Work alongside project managers and other developers to transform strategic business goals into refined digital solutions at an agile (2 week) cadence.
- Implemented and maintained continuous integration and development pipelines for automated testing, building, and deployment.
- Worked with a variety of different languages, platforms, frameworks such as Java, SpringBoot, Python, Javascript, Kubernetes, Helios, Azure etc.

Operations Analyst Co-op
RBC - Identity & Access Management

📅 May 2023 – August 2023   📍 Toronto ON.

- Developed a web scraping automation project using Selenium and Apache Poi in Java, extracting data, and modifying excel files with the data obtained to streamline operations.
- Utilized VBA macros in Excel to automate daily tasks, resulting in increased efficiency and time savings for the team.
- Collaborated with cross-functional teams to identify and report security risks, contributing to a secure operational environment and compliance with information security trends and best practices.
- Actively participated in continuous improvement initiatives, leveraging analytical skills to identify opportunities for enhancing operational efficiency and implementing innovative solutions.

EXTRA-CURRICULARS

- UofTHacks XI (University of Toronto) - Hackathon
- UofTHacks X (University of Toronto) - Hackathon
- DeltaHacks 8 (McMaster University) - Hackathon
- Student Body President - Nigeria-Ghana Int'l College

SKILLS

Programming Languages

Java   Javascript   Python   C   HTML   CSS/SASS   SQL   PHP   Bash   VBA

Libraries & Frameworks

React.js   Spring boot   JQuery   Selenium   Bootstrap   Tailwind CSS   JUnit

Tools & Platforms

PostgreSQL   MySQL   Oracle   MongoDB   Git/Github   Postman   Kubernetes   Docker   Helios   Jenkins   Linux   Azure   Maven   Netlify

PROJECTS

⊙ ↗ MovieGenius (In Progress)
React, SpringBoot, PostgreSQL, TMDB API

- Developing a web app that provides movie recommendations to users based on their genre preferences.
- Designing responsive and interactive UI/UX for profile management and movie recommendations using React.
- Integrated with TMDB API for scheduled fetching of diverse collections of movie and genre data.
- Utilized Spring Boot to build RESTful APIs and PostgreSQL for storing user data and movie information.
- Implemented JWT authentication and Spring security for robust data and endpoint protection.

Versify (In Progress)
Angular, Node.JS, Genius API, Cohere API, Spotify API

- Building a web app for users to discover Spotify playlists based on song lyrics of their choice.
- Utilizing the Genius API to fetch song lyrics and implements the Cohere AI text classification system to categorize them.
- Employing the Spotify API to provide personalized playlist recommendations based on the classified lyrics.
- Enhancing the user experience with a responsive and interactive frontend built with Angular.

⊙ ↗ Titoosemobor.com (Portfolio Website)
HTML, CSS/SASS, Bootstrap, JavaScript, Netlify

- Designed with modern technologies such as SASS, Bootstrap and JavaScript showcasing my projects and skills.
- Utilized JavaScript and some libraries to enhance website's responsiveness, interactivity, and visual appeal.
- Hosted website on Netlify, ensuring reliable and efficient deployment and accessibility for visitors.