JIDE AROYEWUN

Software Engineer

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Education

Centennial College, *Toronto, ON, Canada*   *5th Sept 2023 – 13th Dec 2024*
Software Engineering Technician

Babcock University, *Ogun, Nigeria*   *Sept 2011 – Jun 2015*
Bachelor of Science in Computer Science

Technical Skills

- *Programming Languages : C++, JAVA, Python, SQL, R, JavaScript*
- *Web Technologies : Typescript, HTML, CSS, GIT, ASP, Pandas, REST, JSON, XML, Numpy*
- *Database: MYSQL, Microsoft SQL server, Oracle Database, MongoDB*
- *Frameworks: Spring, React, Django, Angular, Flask, Bootstrap, JQuery, NodeJs*
- *Cloud Technologies: Microsoft Azure, GitHub, Ansible, AWS, Microsoft, Terraform*

Experience

Centennial College, *– Software Developer*   *Jan 2023 – April 2024*

- *Built a Spring MVC project with JavaEE that is used to manage a soccer tournament.*
- *Maven repository, MySQL and Hibernate were used for dependency-handling, application database and object-persistence, respectively.*
- *Ajax provided quick access to database records and pages were rendered by JSPs.*
- *Declarative Web Application Security was added to ensure only users that could be authenticated gained access into the portal.*
- *Used MySQL Relational Database Service instance on Amazon's Web Service (AWS) cloud computing platform*

NEW HORIZON SYSTEMS SOLUTIONS, *– Software Engineer*   *Sept 2019 – August 2023*

- *Executed functional and integration testing and software delivery support*
- *Maintained existing software through bug fixes and enhancements*
- *Managed software throughout SDLC and collaborated with team members to address issues*

- *Analyzed, modified, deployed and maintained moderately complex processes and applications that are integral to the services that New Horizon Provides.*
- *Engineered clean, scalable code to meet tight deadlines, achieving a 99% bug-free release rate and enhancing application performance, resulting in a seamless user experience for over 5,000 monthly active users.*
- *knowledge in the areas of web design and user experiences, as HTML, CSS, PHP, SQL and java*

SAIL LAB (CC HUB & FINDWORKA) *– Software Engineer Intern   Jan 2022 – Sept 2022*

- *Designed dynamic and browser compatible pages using HTML5, CSS3, JavaScript, built single page application (SPA) responsive web design UI using HTML5 grid layouts, and CSS3 media queries, where it's an expression and can be used to either true or false.*
- *Learned new technologies and adopted new tools quickly to maximize performance and contributions*
- *Produced clean, error-free code to meet aggressive timelines.*

Projects

Hospital Management System (HMS). Centennial College, Toronto ON, Canada. May 2024.

Developed a MERN stack-based HMS for managing patient records, appointments, and staff roles. Implemented secure role-based access and data flow optimization between front-end and back-end.

https://github.com/jaytriggz/Hospital-Management-System

Soccer Tournament Management System. Centennial College, Toronto ON, Canada. January 2023.

Built a Spring MVC application to manage soccer tournaments, using Java EE, MySQL, Hibernate, and JSPs for page rendering. Integrated Ajax for quick database access and secured the system with declarative security.

https://github.com/jaytriggz/Qatar-WorldCup-2022-

Ruby Homes (Real estate App). SAIL LAB, Lagos. January 2022.

Ruby Homes is a full-stack real estate app developed at SAIL LAB (CC Hub & Findworka), designed to streamline property listings, searches, and management for buyers, sellers, and agents. Built with React, Node.js, MongoDB, and AWS, it features secure authentication, responsive design, and advanced filtering options.

https://github.com/jaytriggz/Ruby-Homes-

Designed and implemented a Fraud Detection System for a bank as part of the Bachelor of Science (Hons) Computer Science program at Babcock University.   July 2014 – June 2015

*The project focused on identifying and preventing fraudulent transactions using **advanced algorithms** and real-time data analysis techniques. Developed and integrated **machine learning models** to detect anomalies in banking transactions, improving fraud detection accuracy. The system incorporated secure login mechanisms, automated alerts for suspicious activities, and a robust database structure to track historical data. This project showcased proficiency in **Visual Basic, .Net, SQL,** and data analytics while enhancing security protocols within the financial sector.*