Jola Ajayi

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EDUCATION

Carleton University — Ottawa, ON
Bachelor of Computer Science Honours, Minor in Psychology — *Sep. 2019 – Dec 2023*
- Graduated with High Distinction, Deans' Honour Roll maintained throughout degree
- Received Carleton's $8000 Entrance Scholarship for incoming undergraduates with GPAs over 85%

EXPERIENCE

Software Engineer — Jan. 2024 – Present
Redeemed Christian Church of God, My Father's House — *Ottawa, ON*
- Utilized Squarespace to maintain and update website content, ensuring accuracy and relevance of information for visitors
- Implemented SEO strategies to enhance online visibility and attract 75% more traffic to the church's website, resulting in improved engagement and outreach
- Collaborated with the pastor and their team to develop digital strategies and create engaging content

PROJECTS

Portfolio Website | *JavaScript, React, Git*
- Developed a sleek and responsive portfolio website using React, showcasing projects and skills effectively
- Applied modern design principles and UI/UX best practices for an engaging and visually appealing experience
- Adhered to industry-standard practices to optimize performance and ensure cross-browser compatibility
- Leveraged CI/CD pipelines provided by Netlify, ensuring streamlined deployment processes for efficient updates and maintenance.

Movie Social Media Platform | *JavaScript, Node.js, React, MongoDB, Mongoose, Git, Maven, Postman, Docker*
- Developed a responsive full-stack web app using Node.js, Express, and React that contains information about over 8000 movies from the IMDb API
- Implemented intuitive interfaces for user registration, authentication, and profile management using React components
- Designed and implemented a scalable cloud-based database structure with MongoDB Atlas enabling real-time data synchronization
- Integrated Docker for containerization, ensuring consistent deployment environments and facilitating easy scaling and management of application services.
- Built a public JSON RESTful API that supports CRUD operations for movies, cast members, and users

Crazy 8's Game | *Java, JavaScript, React, Spring Boot, Selenium, Cucumber, Git*
- Engineered a real-time multiplayer web application using Spring Boot, WebSockets, and React, enabling seamless communication among four players across multiple browser tabs playing Crazy 8's
- Employed React Hooks to optimize performance, reduce load times, and ensure smooth navigation, enhancing overall site efficiency and user satisfaction
- Developed unit tests with JUnit5, practicing Test-Driven Development (TDD) to ensure a reliable and robust codebase
- Created an automated acceptance test suite with Selenium and Cucumber, effectively implementing Behaviour-Driven Development (BDD) principles to ensure adherence to user requirements

TECHNICAL SKILLS

Languages: JavaScript, Java, Python, C, C++, C#, HTML/CSS
Frameworks & Libraries: React, Node.js, Express, JUnit, Selenium, Cucumber, Mongoose
Databases: SQL (PostgreSQL), MongoDB
Developer Tools: Git, Docker, Postman, VS Code, Visual Studio, IntelliJ, Linux, Windows, macOS
Concepts: Data Structures & Algorithms, Web Development, Database Management Systems, Software Quality Assurance, Object-Oriented Programming, Systems Programming