

Richard Olatade Obasan

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SUMMARY

Backend-focused Full-Stack Developer and Computing Science student with real-world experience building scalable web applications using Java, Python, Node.js, SQL, and Supabase. Strong in backend development, API design, authentication, and database management, with supporting frontend experience in React and React Native. Seeking a software development internship or junior role with opportunities for backend ownership and growth.

TECHNICAL SKILLS

Languages: Java, Python, JavaScript, TypeScript, SQL, PHP, C++, C#, Rust

Backend: Node.js, Supabase, REST APIs, Laravel, Maven

Databases: PostgreSQL, SQL

Frontend: React, React Native, HTML, CSS, Tailwind, Vue, Flutter

Cloud/Tools: Netlify, Render, Git, GitHub

EDUCATION

Bachelor of Science in Computing Science, Specialization: Software Development

The King's University, Edmonton, AB, Canada

2021 – 2026

PROFESSIONAL EXPERIENCE

Software Developer/Engineer Addad Media, Remote

April 2025 – August 2025

- Built and deployed admin-facing full-stack applications using React (Expo) and Supabase (PostgreSQL, authentication, APIs) to support kiosk management and admin-user interactions.
- Designed backend data models and integrated secure API endpoints to improve admin control, data consistency, and system reliability across kiosk operations.
- Implemented reusable component structures and shared design systems for internal admin tools, improving maintainability and development efficiency.
- Collaborated within a 4-member agile team, contributing to sprint planning, stand-ups, and demos while independently owning assigned features from development through testing.
- Maintained clean, version-controlled code using Git, adhering to best practices for security, performance, and scalability.

Software Developer Dunamis Chapel, Edmonton, AB

January 2025 – April 2025

- Designed and implemented a secure backend registration and check-in system enabling users to register for church programs and events, with a confidential admin dashboard for managing attendance and user data.
- Built backend logic and database workflows to support user authentication, role-based admin access, and secure data handling, improving operational control and data integrity.
- Led the end-to-end development of two production websites, from requirements gathering and system design to deployment and launch.
- Integrated dynamic features including event registration, sermons, blogs, podcasts, calendars, donation portals, and bilingual content (English/French) using modern web frameworks.
- Developed responsive UI layouts informed by low- and high-fidelity wireframes, ensuring usability across desktop and mobile devices.
- Deployed applications to live servers, configured admin content management systems, and delivered technical documentation to support long-term maintenance.
- Collaborated weekly with non-technical stakeholders, translating operational needs into functional features and delivering projects on schedule with full testing and launch support.

Full Stack Software Developer Ts Diamond Consulting Inc , Remote

July 2023 – March 2024

- Contributed to the design, development, and maintenance of full-stack software solutions supporting operational efficiency and digital service delivery
- Developed scalable front-end interfaces and back-end services for complex business applications and internal management systems
- Built and consumed APIs to connect user-facing platforms with business logic, databases, and integrated services
- Implemented secure login, access control, and user permission models to support multi-user applications and administrative functions
- Developed modules for data entry, approval flows, dashboard reporting, search and record retrieval, and workflow tracking
- Supported systems such as admin portals, onboarding platforms, registration and booking systems, reporting dashboards, and customer service tools
- Optimized database interactions, application logic, and UI performance to improve responsiveness and system stability
- Investigated and resolved bugs, production issues, and integration problems across the full application stack
- Collaborated in an agile-style development environment using version control, issue tracking, and structured release workflows
- Helped deliver maintainable, secure, and production-ready software aligned with business requirements and user needs

Software Development Instructor STEM Education Platform, Edmonton, AB

September 2022 – July 2023

- Designed and delivered a hands-on computer science and Java programming curriculum, guiding students through core concepts including object-oriented programming, data structures, and API integration using Eclipse and IntelliJ IDEA.
- Developed and supervised project-based assignments requiring students to build functional applications and interact with external APIs, reinforcing real-world software development practices.
- Introduced Git-based version control workflows, improving code organization, collaboration, and debugging skills across student projects.
- Provided technical mentorship and code reviews, helping students strengthen problem-solving, debugging, and clean coding practices in a virtual environment.

Software Developer Daughters of Zion Women Foundation , Edmonton, AB

January 2020 – June 2022

- Engineered and maintained software systems that supported operational workflows, data management, reporting, and digital service delivery
- Developed scalable application components, APIs, and integration points for business-critical platforms and internal tools
- Built functionality for workflow tracking, record management, reporting, access control, and user-facing interactions across multiple software modules
- Contributed to the architecture, implementation, testing, and support of software solutions designed for reliability, maintainability, and performance
- Worked closely with cross-functional teams to identify system requirements, resolve technical issues, and deliver solutions aligned with business objectives

PERSONAL PROJECTS

- PortfolioWebsite v2 - Built a modern portfolio website designed to showcase my work through interactive demos, code samples, project media, and resume access rather than static project cards alone. The site includes responsive design systems, animated content reveals, dynamic snippet switching, demo-focused project sections, and scalable content architecture.
- JumpshotTrainer v2 – Real-Time AI Basketball Form Analysis System (Prototype) – Architected and developed a performance-focused AI system for analyzing basketball shooting mechanics using Python and Rust. Designed data pipelines for pose estimation and motion tracking, leveraging Python for model experimentation and Rust for high-performance processing. Built the foundation for real-time feedback, shot analysis, and scalable model integration for live camera-based correction.
- Tadester Ops – Route Optimization & Job Mapping Platform for Field Services (MVP) – Designed and developed a full-stack operational platform for landscaping and snow removal companies to manage job assignments and optimize service routes. Built a cross-platform mobile application using Flutter for field operations, a Node.js backend for scheduling and routing logic, and a React-based landing page for user acquisition. Integrated Supabase (PostgreSQL, Auth, and storage) for secure data management, implementing role-based access control and scalable data structures for multi-job coordination, route planning, and real-time task tracking. GitHub Actions CI/CD pipeline with Render for back end and Netlify for landing page.