

Oluwatimilehin Jacobs

Toronto, ON • 437-450-5099 • timij90@gmail.com • [LinkedIn](#) • [Portfolio URL](#) • [GitHub](#)

PROFESSIONAL EXPERIENCE

Software Developer — SecureHash Inc

Remote (Canada) | Jul. 2023 – Jan. 2025

- Built and scaled full-stack web apps using Node.js, Express, and Next.js, boosting load performance by 30%.
- Designed REST APIs and implemented Sequelize ORM with PostgreSQL for high-throughput apps (100K+ daily requests).
- Integrated OAuth 2.0, JWT, and role-based auth across microservices — analogous to Firebase Auth workflows.
- Practiced domain-driven design and clean code architecture to separate concerns and enhance maintainability.
- Wrote and maintained unit tests using Jest and integration testing setups across backend modules.
- Collaborated closely with design and product teams in rapid feedback loops to iterate features.
- Maintained Docker-based development environments, supported CI/CD deployments via GitHub Actions.

Project Support Officer — Fourcore Integrated Services

Apr. 2022 – Feb. 2023

- Led tech implementation of Hospital Management Systems across two facilities, improving care delivery by 25%.
- Translated user feedback from clinical staff into tailored digital solutions, improved adoption and system usage.
- Conducted training sessions and created documentation for medical staff with varying technical literacy.

PROJECTS

DriftWay Travel App: *Next.js, Node.js, Bootstrap, MongoDB, Google Maps API*

- JWT-authenticated eco-travel planner with responsive UI and map visualization.
- Built reusable components with modular frontend design and API-first backend.

QuikFill Chrome Extension: *Node.js, Supabase, Google Gemini API, AWS*

- Used Gemini (OpenAI equivalent) to parse and populate forms, simulating PDF/CSV data automation.
- Built with Chrome messaging API, demonstrating advanced frontend-backend communication.

InnoCook Bundles: *React, Node.js, Bootstrap, MongoDB*

- Full-stack recipe and shopping planner app, showcasing clean UX, secure auth, and list-generation logic.

UN Countries Web App: *EJS, Express, Tailwind CSS, PostgreSQL*

- Data-rich platform with user login and country-level insights. Leveraged RESTful APIs and PostgreSQL for backend logic.

TECHNICAL SKILLS

Languages & Frameworks: TypeScript, JavaScript (React, Next.js, Node.js, Express), Python

Frontend: React, Next.js, Tailwind CSS, Bootstrap, Jotai

Backend: Node.js, Express, REST APIs, Sequelize, MongoDB, PostgreSQL

Testing: Jest, Cypress, Playwright, Chrome Extension APIs

DevOps & Tools: Docker, Git, Firebase Auth/Storage (similar auth/OAuth2 exp), OpenAI API (Gemini), Azure, AWS, GCP

Other: JWT, OAuth 2.0, PL/SQL, Agile, CI/CD

EDUCATION

Advanced Diploma – Computer Programming & Analysis

Seneca Polytechnic – Toronto, ON

Completed: 2025

B.Sc. – Industrial Mathematics (Computer Science Focus)

Covenant University – Nigeria

Graduated: 2022