Oluwatimilehin Jacobs

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PROFESSIONAL EXPERIENCE

Software Developer — **SecureHash Inc**
Remote (Canada) | Jul. 2023 – Jan. 2025

- Led full-stack development of secure web apps using **Node.js**, **Express**, and **Next.js**, optimizing for performance and OWASP-compliant security.
- Designed and built scalable **RESTful APIs** for high-throughput applications using **MongoDB** and **Redis**.
- Integrated **OAuth 2.0** and **JWT** authentication across microservices to support secure, multi-tenant access.
- **Collaborated with designers** to align front-end components with usability and accessibility standards.
- Participated in product discovery, offering **technical insight to product owners** and iterating based on user interviews.

Project Support Officer — **Fourcore Integrated Services**
Apr. 2022 – Feb. 2023

- Oversaw deployment of a **Hospital Management Information System** across two hospitals, improving operations and revenue by 25%.
- Conducted on-site user interviews to define needs and tailored solutions accordingly.
- Trained hospital staff on HMIS features and produced **training documentation and usage guides**.
- Bridged technical and non-technical teams, ensuring alignment of deliverables with stakeholder requirements.

IT Intern — The National IT Development Agency
Mar. – Aug. 2020

- Installed and configured hardware, OS, and applications to enhance system performance and reduce downtime.
- Monitored networks and troubleshot software issues, improving reliability and user experience.
- Assisted in drafting **IT support documentation** to streamline processes and reduce downtime.

PROJECTS

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

- Eco-friendly travel platform with carbon tracking, JWT-secured authentication, and real-time map features. Designed for reusability with modular components and scalable architecture.

Hotel Reservation System: *Java, JavaFX, SQLite*

- Desktop application enabling guest check-in, billing, and dynamic room allocation. Developed with MVC architecture and normalized schema.

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

- Full-stack meal planning tool with Passport.js authentication and shopping list generation based on meal preferences.

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

Interactive data platform for exploring country-level UN data with user login and RESTful APIs.

TECHNICAL SKILLS

- **Languages:** JavaScript, Python, C++, Java, C#, Kotlin, PL/SQL
- **Frontend:** React, Next.js, HTML5, CSS3, Tailwind CSS, Bootstrap
- **Backend:** Node.js, Express, RESTful APIs
- **Database:** MongoDB, PostgreSQL, MySQL, Oracle
- **DevOps & Cloud:** Docker, GitHub, AWS, Azure, GCP
- **Tools:** Postman, Figma, Jira, Unix/Linux

EDUCATION & AWARDS

Seneca Polytechnic — *Advanced Diploma, Computer Programming & Analysis*
Toronto, ON | *May 2023 – Apr. 2025*

- **President's Honor List:** Apr. 2025, Dec. 2024, Aug. 2023

Covenant University — *B.Sc. Industrial Mathematics (Computer Science)*
Ogun State, Nigeria | *Sept. 2017 – May 2022*