

# Moshood Saka

Software Engineer

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## EDUCATION

**Bachelor of Computer Science**, *University of Windsor*

Sept 2019 - April 2024

- Relevant Coursework: Software Engineering; Operating Systems; Data Structures & Algorithms.

**Full Stack Web Development Bootcamp**, *LightHouse Labs*

May 2021 – Aug 2021

- Tech Stack: HTML/CSS, JavaScript, ReactJS, NodeJS, Python, Mocha, Chai, PostgreSQL

## SKILLS

- **Programming Languages:** JavaScript (3 years), Python (2 years), Java (2 projects), C (1 project)
- **Frameworks:** ReactJS, Django, React Native, NodeJS, Flask, Express, fast API
- **Other:** Git/GitHub, Google Cloud, PostgreSQL, MongoDB, Cypress, Circle CI

## WORK EXPERIENCE

**Pivot Integrated Technologies**, *Software Engineer (Contract)*

Toronto, ON | Jan 2024 – Apr 2024

- Delivered 5 functional and visually appealing web applications, leveraging **JavaScript**, **React** and **Next.js**
- Refined deployment process using Vercel, reducing post-deployment issues by 90%.
- Directed project lifecycles, achieving milestones 20% ahead of schedule.

**Canvass AI**, *Software Engineering Intern*

Toronto, ON | Jan 2022 – Apr 2022

- Enhanced platform functionality by 10% by developing and testing of 10+ new **React** components, along with state and API management using **Redux Toolkit**.
- Developed API endpoints with **FastAPI** and boosting API integration test coverage within Python **micro-services** architecture from 75% to 92% and leveraging **pandas** for data operations.
- Played an active role in the team's weekly release cycles, handling version tagging and pre-release validations, which led to a 5% decrease in deployment-related issues.

**SM Software Consulting**, *Mobile App Developer Intern*

Toronto, ON | Sept 2021 – Dec 2021

- Converted an employment app concept into a functional cross-platform tool, serving over 1,000 users.
- Developed 5 **React-Native** screens, enhancing navigation and UI/UX with structured **Redux** logic.
- Built a **NodeJS** secure backend built with JWT-based authentication, ensuring robust data security.

**Google**, *Software Product Sprint Participant*

Virtual | Feb 2021 – May 2021

- Collaborated with a **cross-functional** team to build a crypto web app with real-time and historical data display.
- Developed a search feature in **JavaScript**, enabling filtering of a dynamic list of >100 cryptocurrency assets.
- Streamlined data scraping and processing by 60% via JSoup, by writing **Java servlet** scripts that interfaces with **Google Cloud**.

**Google**, *Computer Science Summer Institute Participant*

Virtual | Feb 2021 – May 2021

- Developed a resume builder as part of a team, utilizing **HTML/CSS** to build a resume template.
- Increased user management efficiency by 90%, by implementing Google OAUTH in **Python** and effectively utilized **Google Cloud** for data management and application deployment.

## PROJECTS

**Canteenly**, *Front/Backend Developer*

- A web app aimed at simplifying logistics and text messaging marketing problems for Home Cooks, to lead to a 10% profit increase and 40% customer retention.

*Tech Stack: JavaScript, NextJS, React, Firebase*

**Partyer**, *Front/Backend Developer*

- A web app enabling users to easily host public or invite-only social events, developed 10+ **React** components.
- Enhanced back-end capabilities by implementing 7 **RESTful API** endpoints and 6 **SQL** queries.

*Tech Stack: JavaScript, React, NodeJS, bcrypt, express, Redux, PostgreSQL, Storybook*

## ACTIVITIES AND LEADERSHIP

**Student Advisor**, WEtech Alliance

Windsor, ON | Sept 2023 - Present

- WEtech Alliance is one of seventeen Regional Innovation Centre (RIC) that assists tech startups and entrepreneurs expand tech-based businesses while fostering a culture and community of innovation.

**Black Boys Code**, Instructor

Windsor, ON | May 2023 – Dec 2023

- Fostered an improvement in coding/robotics project completion rates among students by breaking down concepts to kids and collaborating with a team of educators.