

Mellon Obada

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Professional Summary

Full Stack Developer skilled in Python (Flask), JavaScript (React/Next.js), SQLite, PostgreSQL, and AWS cloud practitioner. Built real-world web applications like *SchoolRide*, a transport platform with geolocation-based pricing. Strong collaborator with a passion for clean, maintainable code and user-centered design.

Technical Skills

JavaScript, React, Next.js, Python, FAST API, Flask (REST API), PostgreSQL, HTML5, CSS3, Tailwind CSS, REST APIs, JWT, Git, Google Maps API, AWS

Projects

SchoolRide – School Bus Booking System

Full Stack / Flask, Next.js, PostgreSQL, Google Maps API

- Developed a full-stack booking platform with dynamic pricing and route visualization.
- Integrated Google Maps API for live route tracking and geolocation-based fare calculation.
- Implemented secure JWT authentication and built a responsive UI with Tailwind CSS.

Globetrek – Tours & Guides Web App

Full Stack / Flask, React, SQLAlchemy

- Created a tour booking system with user authentication, reviews, and guide selection.
- Built RESTful APIs and an interactive React frontend with modals and custom forms.

Book Buddy – Book Review Platform

Frontend / React, Redux

- Designed a responsive app for browsing, reviewing, and saving favorite books.
- Managed state with React Hooks and persisted user data using localStorage.

Education

Moringa School (Flatiron) - Full Stack Software Engineering | 2025

SheCodes - Frontend Development Bootcamp | Nov 2024

AWS Certified Cloud Practitioner | 2025