

## MELLON OBADA

Email: [mellonakinyi@gmail.com](mailto:mellonakinyi@gmail.com) | LinkedIn: <http://linkedin.com/in/mellon-obada-224894125> | GitHub: [github.com/Melloniah](https://github.com/Melloniah)

### PROFESSIONAL SUMMARY

Full Stack Developer with a strong background in enterprise system development, integrations, and reporting. Currently employed at Revtec, delivering full-stack applications while building expertise in APIs, data modelling, and enterprise workflows. Completed a professional course in Enterprise Systems to strengthen ERP-related knowledge and bridge into enterprise technology roles. Skilled in SQL/PLSQL, REST APIs, automation, and reporting dashboards, with hands-on experience delivering projects that mirror ERP and Oracle Fusion-style solutions.

### TECHNICAL SKILLS

**Enterprise Systems Development:** Booking platforms, service management systems

**Integrations & APIs:** REST APIs, JSON/CSV data flows, external API integrations (Google Maps, Geocoding)

**Reporting & Analytics:** SQL queries, data models, BI-style dashboards, analytics

**Data Loads & Automation:** Automated data uploads, migrations (Alembic, seed files)

**Custom Applications:** Next.js, React.js, Flask, Python, SQLAlchemy

**Database Development:** SQL, PostgreSQL, MySQL, schema design, query optimization

**Other:** Agile/Scrum delivery, technical documentation, release testing

### Professional Experience

#### Full Stack Developer

*Revtec – Nairobi, Kenya Aug 2025 – Present*

- Developing and maintaining enterprise-grade applications with integrated workflows and reporting solutions.
- Designing REST APIs to connect internal systems with external services.
- Collaborating with cross-functional teams to create scalable data models, reporting modules, and automation scripts.
- Supporting the rollout of enterprise system features that streamline business operations.

#### Selected Projects

##### **School Minibus Booking System (Next.js + Flask + PostgreSQL)**

- Developed a transport booking platform with automated route pricing and GPS integration.
- Built RESTful APIs for bookings, routes, and user authentication.
- Integrated Google Maps & Geocoding APIs for location-to-coordinate conversions, mimicking enterprise data flows.
- Designed SQL-based dashboards for bookings and route performance reporting.

- Applied role-based security and scalable schema design, reflecting ERP concepts.

### **Ujuzi Hub – Service Booking Platform (*React.js* + *Flask* + *SQLAlchemy*)**

- Created a multi-county service booking system for plumbers, electricians, and painters.
- Designed API-driven integrations between frontend and backend.
- Built reporting modules for service usage, worker performance, and payments, similar to BI reporting.
- Implemented workflow-style job approvals and assignments aligned with enterprise patterns.
- Authored technical documentation for data models and workflows.

### **Globetrek Tours Booking App (CLI & Web) (*Python* + *SQLAlchemy* + *JSON server*)**

- Built a tour booking system with CRUD support for users, bookings, reviews, and destinations.
- Created relational database models and migrations with SQLAlchemy ORM.
- Developed automation scripts for recurring data loads and booking confirmations.
- Designed custom SQL reports for bookings and customer reviews.
- Produced technical documentation mirroring ERP/Fusion standards.

### **Education & Professional Training**

- FullStack software development course Moringa School -2025
- Enterprise Systems Development Course Coursera– 2025
- Certificate in Agile Fundamentals (Scrum/Kanban)

**BookBuddy - Book Management Application (2022)** React-based book tracking app with localStorage persistence and custom component system. Deployed using JAMstack architecture with responsive design principles.

## **EDUCATION**

**Moringa School** - Full Stack Software Engineering | 2021 Intensive bootcamp covering full-stack development, algorithms, data structures, and software engineering best practices

**SheCodes Bootcamp** - Frontend Development | 2020 Specialized training in modern JavaScript frameworks, responsive design, and web development standards

## **CERTIFICATIONS**

**AWS Certified Cloud Practitioner** | 2024 Demonstrated knowledge of AWS cloud services, deployment strategies, and cloud architecture principles