

Josphat Muteru

josphatmuteru.w@gmail.com +254 91983040 Nairobi, Kenya

[LinkedIn](#) [GitHub](#) [Portfolio](#)

SKILLS

Languages: Javascript, Golang, Python, Django; **Frameworks:** Node.js, React.js, Express.js; **Tools:** Git, REST API, Linux, Unix, Docker, AWS, GraphQL, Microservices, Docker, Prometheus, Grafana, Sentry; **Databases:** SQL, Supabase, Neon, MySQL, PSQl, NoSQL(MongoDB).

WORK EXPERIENCE

Turing - Software Engineer.

May 2024 - Present

- Built and refined a robust data labeling pipeline for training large language models (LLMs) using supervised fine-tuning (SFT) and reinforcement learning with human feedback (RLHF).
- Designed scalable data ingestion systems to efficiently process high-volume annotated datasets, ensuring seamless model training.
- Automated critical preprocessing tasks, boosting data accuracy by 25% and reducing manual intervention.
- Worked together with machine learning researchers and annotation teams to deliver an integrated workflow, accelerating model iteration cycles.
- Improved LLM performance metrics through high-quality dataset management and advanced pipeline optimization.
- Created comprehensive documentation and led knowledge-sharing initiatives to align teams on workflows and best practices.

Freelance - Full-Stack Developer

January 2023 – April 2024

- Designed and deployed an e-commerce platform for a local retailer, implementing a seamless user experience with React.js on the front end and Node.js with Express.js on the back end.
- Integrated secure payment gateways (Stripe, PayPal) and real-time inventory management, enhancing operational efficiency and boosting sales by 35%.
- Built RESTful APIs to support dynamic features such as user authentication, order tracking, and personalized product recommendations.

- Migrated legacy database systems to MongoDB, optimizing query performance and reducing load times by 40%.
- Conducted thorough code reviews and performance testing to ensure high-quality, maintainable code and a reliable user experience.
- Delivered extensive training and documentation for the client's in-house team to manage and maintain the platform effectively.

OFNL Tech - Front-end developer.

July 2022 - December 2022 Nigeria

- Developed a logistics tracking desktop application with Electron and React.js, providing real-time updates on order status, live location, and estimated arrival times for customers.
- Improved order tracking accuracy by 20% and reduced customer inquiries by 30% through enhanced visibility and streamlined tracking information.
- Integrated data visualization and responsive UI components, ensuring a user-friendly interface that supports smooth customer interactions.
- Collaborated with a team of developers to meet deadlines on time and within budget, fostering teamwork through clear communication and effective problem-solving

Projects

The Wild Oasis - Web App

Description

I developed The Wild Oasis, a web application to streamline hotel operations for staff. It enables employees to manage cabins, guests, bookings, and generate sales reports. The application integrates the following features:

- **Inventory Management:** Track cabin availability, status, and details.
- **Guest Management:** Manage guest information, reservations, and communication features.
- **Booking Management:** View, edit, and process bookings.
- **Sales Reporting:** Analyze sales data to gain insights into hotel performance.
- **User Management:** Create and manage user accounts with different access levels.

Skills Used:

- Front-End Development: React.js, Tailwind CSS, Styled Components
- Back-End Development: Supabase (Database & Authentication)

Natours - Web App

Description:

I built a web application designed to simplify the process of exploring and booking tours. Users can browse available tours, sign up and manage accounts, and securely process payments for their chosen adventures.

Key Features:

- **Tour Booking and Management:** Users can search, compare, and book tours directly through the platform.
- **Account Management:** Secure user accounts allow for login, signup, and password changes.
- **Payment Processing:** Secure integration enables users to make payments for their bookings.
- **File Upload:** The application allows users to upload images for their profile pictures.

Technical Skills Used:

- Back-End Development: Javascript, Node.js, Express.js
- Front-End Development: HTML, CSS

Forkify- Web App

Description:

I developed Forkify, a recipe web application that leverages the Forkify API. Users can explore a vast database of recipes, search for specific dishes, and save their favorites for future reference. Additionally, the application allows users to:

- **View Detailed Recipes:** Access full recipe instructions and ingredient lists for each dish.
- **Modify Servings:** Easily adjust recipe quantities based on the desired number of servings.
- **Bookmark Favorites:** Save recipes they find interesting for later use.

Tool used:

- Front-End Development: HTML, CSS, JavaScript, Axios.
- API Integration: Successfully integrated with the Forkify API to retrieve and display recipe data.

EDUCATION

Multimedia University - B.S.C, Computer Technology