

Musyoka Philip

Full-Stack Developer (React & Python)

Nairobi, Kenya

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Summary

Detail-oriented and passionate Full-Stack Developer with expertise in the React/Next.js ecosystem and Python automation. Proven ability to architect and build intuitive, high-performance web applications from concept to deployment. Adept at transforming complex requirements into clean, scalable code and solving problems with a strong focus on user experience. Seeking to leverage my skills in a challenging role to build exceptional digital products.

Technical Skills

Frontend	React, Next.js, TypeScript, JavaScript (ES6+), HTML5, CSS3, Tailwind CSS
Backend	Node.js, Express.js, Python, FastAPI, GraphQL, RESTful APIs
Databases	PostgreSQL, MongoDB, Prisma ORM, MySQL
Tools & DevOps	Git, GitHub, Docker, Vercel, CI/CD, Linux/CLI

Featured Projects

StockSync | Full-Stack Inventory Management System

- **Live Demo:** stocksync-client.vercel.app
- **Source Code:** StockSync-Client
- **Tech Stack:** React, TypeScript, GraphQL, Node.js, Express, PostgreSQL, Prisma, Docker
- Architected and developed a full-stack inventory platform to provide real-time stock synchronization across multiple storefronts.
- Engineered a responsive and interactive user interface with React and TypeScript, enabling efficient stock management, order tracking, and data visualization.

- Implemented a GraphQL API server using Node.js and Express, providing flexible and efficient data fetching for the client application.
- Designed the database schema and managed data persistence with PostgreSQL and Prisma, ensuring data integrity and performant queries.

SyntaxMem | Interactive Code Memorization Tool

- **Live Demo:** syntaxmemdev.vercel.app
- **Source Code:** Syntax
- **Tech Stack:** Python, FastAPI, React, SQLite
- Developed an interactive learning platform to help developers master code syntax through active recall and gamification.
- Built a robust backend with Python and FastAPI to automatically process user-submitted code, generate quizzes, and manage user progress.
- Designed a simple yet effective frontend in React that allows users to add code snippets and practice with fill-in-the-blank style quizzes.
- Integrated a leaderboard system to drive user engagement and create a competitive learning environment.

LibRead | Intelligent Web-to-Audiobook Converter

- **Source Code:** LibRead
- **Tech Stack:** Python, Web Scraping (BeautifulSoup), Text-to-Speech (gTTS), Automation
- Created a powerful Python automation tool that transforms web novels from any source into a personal audiobook library.
- Engineered an intelligent web scraper to accurately extract and clean chapter text, handling diverse website structures and formats.
- Integrated a text-to-speech engine to convert the cleaned text into high-quality audio files, automatically managing chapter breaks and file organization.
- Designed as a CLI (Command-Line Interface) tool, providing a simple and efficient workflow for users to convert content on demand.

Professional Experience

Freelance Web Developer | Nairobi, Kenya

June 2023 – Present

- Architected and developed full-stack solutions for freelance clients, managing projects from initial consultation and requirements gathering to final deployment.

- Engineered responsive and interactive user interfaces using React and Next.js, resulting in improved user engagement and modern, mobile-first experiences.
- Built and integrated custom RESTful and GraphQL APIs with Node.js to power dynamic frontend features and connect to various data sources.
- Successfully identified and resolved complex bugs and performance issues, ensuring seamless cross-browser compatibility and a high-quality end product for clients.

Education

Informatics and Computer Science

Studied core principles of software development, algorithms, and data structures.

Languages

- **English:** Fluent
- **Swahili:** Native