

JILLO WARIO

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Summary

Software Engineer focused on frontend development, early-career professional with solid experience in React and Next.js. Delivered a high-traffic React application at TenziLabs, adding new UI features that improved user engagement, and built a data-processing pipeline for NHIF that reduced duplicate records by 30%. Proficient in TypeScript, JavaScript, and modern web frameworks, with a strong track record of debugging and performance optimization. Seeking to apply frontend expertise to drive seamless user experiences and product growth.

Education

KCA University

May 2019 - Dec 2024

BSc., Software development

- **Coursework:** Advanced Databases, Advanced Web Development, Network Programming, C Programming, Operating Systems, Computational Thinking, Artificial Intelligence Programming

Moringa School

Nov 2023 - May 2024

Software Engineering

- **Achievements:** Leadership skills, communication, project management
- **Coursework:** HTML, CSS, JavaScript, ReactJS, Python, Flask

Employment

NHIF

Jan 2022 - May 2022

Software Developer

- Built a data processing system in Python using object-oriented programming to cleanse large data sets, remove duplicates and invalid entries, and push clean data via REST APIs to the main database, improving data accuracy and reducing processing errors
- Maintained the system deployed on cloud platforms, ensuring high availability and scalability.
- Fix bugs and make modifications to the system.

TenziLabs

Sep 2022 - Sep 2023

Junior Frontend Developer

- Maintained a ReactJS web application, ensuring feature stability and code quality using TypeScript.
- Implemented new UI features in ReactJS using TypeScript and modern UI frameworks, collaborating with designers to enhance user experience.
- Resolved bugs and optimized the application, using TypeScript, Chrome DevTools, and ESLint to improve load speed and maintain smooth performance

MIBM

Sep 2024 - Dec 2024

IT Support (Internship)

- Monitored system performance and metrics with Python scripts and Nagios, identified bottlenecks, and applied optimizations that improved overall system stability
- Fix network clogs.
- Install network hardware.
- Provide technical support to company staff.

Software Projects

Website for Tenzi Labs company | [Link](#)

Tenzi Labs

- Developed with NextJs

Business Management Web Application | [Login](#) | [TenziBiz](#)

Tenzi Labs

- Developed with NextJs

Invalid and Redundant IDs Detection and Filtering System | [GitHub link](#)

NHIF

- Software developed for NHIF.
- Developed with Python
- Processes large excel files with thousands of records filtering redundant and invalid IDs.

In-House Tech Inventory Management System

MIBM

- Software developed for MIBM.
- Developed with NextJs and Express

- Multi-user system to track tech inventory, employee assignments, status and system logs.

Skills

- **Programming Languages & Paradigms:** Python, C#, JavaScript, TypeScript, SQL, Object-oriented Programming
- **Frontend Frameworks & UI:** ReactJS, NextJs, React Native, HTML, CSS, UI Frameworks
- **Backend & API:** NodeJS, Express, .Net, API Development
- **Databases:** Mongo dB, Firebase
- **Tools, Cloud & Security:** Git, Linux, Cloud Platforms, Cyber Security