Belyse Intwaza

Software Engineer

I'm a passionate Product Manager with over three years of experience in software development, specializing in building scalable backend systems that enable seamless digital experiences. My technical background in designing APIs, automating workflows, and integrating third-party services helps me deeply understand product feasibility and drive data-informed decisions. With full-stack experience in React and TypeScript, I bridge the gap between engineering and business teams to translate complex technical challenges into user-centric solutions. I thrive collaborating across functions, prioritizing impactful features, and delivering products that solve real problems and create lasting value.

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WORK EXPERIENCE

Antara Health
Software Engineer (January 2022 - Jun 2025)

Achievements/Tasks

- **Led the design and implementation of a task automation** feature by gathering requirements from users and collaborating with engineers to ensure smooth scheduling, notification, and task completion workflows. Coordinated cross-functional teams to prioritize features, tested the solution, and gathered user feedback to improve the product's efficiency and user experience.
- **Developed and optimized** multiple frontend features in React, reducing page load times and improving user experience.
- **Designed and implemented** an eligibility verification feature, reducing billing-related inquiries by **25%**.
- **Built bulk task completion functionality** for healthcare professionals, improving efficiency in patient management.
- **Integrated Airtable and automated workflows** using Zapier, reducing manual workload and enhancing operational efficiency.
- **Led Agile ceremonies** (stand-ups, sprint planning, retrospectives), ensuring smooth team collaboration and workflow.
- **Enhanced system security and accessibility**, ensuring compliance with best practices and industry standards.

EDUCATION

AkiraChix
CodeHive Program - Diploma in Information Technology

02/2021 - 11/2021   *Nairobi_Kenya*

courses

- **Front-end web development**: built dynamic and responsive web applications using React, and JavaScript. I've also learned best practices for designing intuitive user interfaces, working with tools like Figma and Adobe Illustrator to create seamless user experiences.
- **Backend Development:** Developed backend applications with **Django and Python**, implementing **RESTful APIs** and handling database management. Explored **authentication, security, and deployment** strategies for web applications
- **Mobile Development:** Designed and built mobile applications using **Kotlin and Android Studio**, integrating Firebase for authentication and real-time data storage. Learned **mobile UI design principles** and best practices for Android development.
- **Software Engineering Principles:** Acquired knowledge in **Agile development methodologies, version control (Git), and DevOps practices**, fostering collaboration in software teams.

TECHNICAL SKILLS

- React.js, TypeScript – Building scalable, reusable UI components
- Tailwind CSS – Creating modern, responsive, and accessible interfaces.
- HTML5, CSS3, JavaScript (ES6+) – Strong in semantic HTML, CSS Grid, Flexbox, and animations.
- Django, Python – Developing RESTful APIs, authentication, and database management.
- GraphQL & REST APIs – Optimizing data fetching and API performance.
- Git, GitHub – Version control, branching, and pull requests.

ACHIEVEMENTS

Participated in the VGHC EMEA 2021 event organised by AnitaB.org

Participated and submitted a video that won a feature in the global IFC exchange 2021

Presented AkiraChix to encouraged ladies to be part of tech world. Youtube link ↗

PERSONAL PROJECTS

Lima Smart
- Lima Smart project that aims to revolutionize farming with IoT-driven smart irrigation, boosting crop yields by 20% and optimizing water usage by 30% - figma link

Contact app
- An Android app that display list of contacts you have in your phone built using Kotlin - Github link

School system
- School system that is built on Django and enables students, trainers and staff, to submit their details. They can also be able to access available courses and a calendar of events. Github Link

Website (United Way)
- Implemented a website for a team of students. Website link

REFEREE

Linda Kamau - Executive director and Co_founder at AkiraChix
Email: lkamau@akirachix.com

John Owuor - Software Engineer at Twiga Food
Email: owuor91@gmail.com