Petro Buyahi

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PROFESSIONAL EXPERIENCE

Jenga Works, (Personal Project & Clients) - *Software Engineer Feb 2024 - To Date*

● I built and maintained a financial application that empowers content creators to earn through fan tipping, providing a seamless and reliable platform for monetizing their content.

● Designed and developed Supply Chain management system with key modules including Inventory Management, Regional Salesperson Assignment, and a Logistics module. Enabled route assignment for drivers, journey tracking with real-time start and stop timestamps, and role-based access for administrators, salespersons, and drivers.

● Build an application that connects farmers with agricultural specialists. The system allows farmers to test soil samples using a device, record the results in the application, and select their region to receive crop recommendations best suited to their specific soil and location.

View Tech Limited(Sasapay), Nairobi, Kenya(Contract) - *Full Stack Developer Oct 2022 - Jul 2023*

● Collaborated on building and maintaining a revenue Management System for Murang'a County, serving One Million users daily Contributed to the frontend development features for parking fees, business licenses, and permit.receipt generation, ensuring a seamless and efficient users experience.

● Collaborated on redesigning the Merchant Portal by introducing automatic settlement and convenient payment options,which streamlined operations and enhanced user experience. These Improvements led to a 15% increase in merchant participation, driven by greater accessibility, and trust in the platform.

● Integrated Sasapay with Jambo to enable seamless and secure services purchases, facilitating 2 million daily users for utilities like KPLC, Airtime,Water bills and reliable transaction handling for millions of users.

● Participated in API integration with JIA which enhanced user engagement by 11% by enabling features like streamlined loan applications, real-time fund notifications and automated repayment reminders, resulting in an improved user experience.

● Implemented the "Jazia" feature in Sasapay, increasing daily transactions by 31%. Provides flexibility for users to proceed with payments despite insufficient funds, ensuring a seamless transaction experience.

● Developed an "E-mandate" feature in the Merchant Portal, resulting in an 8% daily increase in partner participation. Enables scheduled automatic bill deductions, streamlining the payment process for timely settlements

. ● Implemented the "Auto-settlement" feature, attracting international users and expanding its usage. Enables

scheduled automatic fund transfers, streamlining transactions for enhanced convenience and control.

Vap Technologies, Nairobi, Kenya (Full Time) - *Software Developer Jan 2022 - Oct 2022*

● Collaborated in the development of RESTful APIs for a Human Resource Information System (HRIS) using Django Rest Framework (DRF), focusing on efficient data modeling, authentication, and CRUD operations. ● Actively participated in fixing bugs, improving system stability, and adding new features to logistics applications, ensuring enhanced performance, user experience, and operational efficiency.

Cal Kenya(Viusasa), Nairobi, Kenya (Contract) - *Software Developer Aug 2021 - Jan 2022*

● I leveraged Teact to build a dynamic and responsive user interface for Citizen Digital . Some challenges I faced included managing state in complex components, optimizing performance for large datasets, and handling API data asynchronously. To address these. I implemented solutions like redux for API state management, react.name and virtualization for performance optimization, and custom hooks for API handling. Additionally, I used Formik and Yup for form management, React Router DOM for navigation, and lazy loading to integrate third-party libraries efficiently. These efforts resulted in a scalable, performant, and user-friendly application.

● I played a key in maintaining and improving and existing applications by identifying and fixing critical bugs. Using tools like Chrome DevTools and React DevTools, I diagnosed issues related to UI rendering,performance bottlenecks, API integration, and cross-browser compatibility. I collaborated with QA and Backend developers to ensure timely resolution of issues, resulting in More Stable and performant application.My contributions led to improved user satisfaction and and a reduction in application crashes and errors.

SKILLS
Languages - *Java, Python, JavaScript, Dart,Php*
Framework - *Spring boot, Django,Flask, Node,React, Express,Flutter ,Laravel*
Database - *Mysql,Postgress, Mongodb,Redis*
Devops - *Git,Docker,Kubernatees,Aws*
Monitoring - *Prometheus, Sentry, Locust*

EDUCATION
Moringa School, Kenya
2020
 Software Development
 Summit College, Kenya
ICT
 Nairobi Devops, Kenya
Devops