

Charles Byakutaga

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SUMMARY

Dynamic Frontend Software Developer with expertise in building scalable web applications using React, TypeScript, Next.js, Tailwind CSS, and Zustand. Experienced in implementing innovative solutions within the healthcare and taxation sectors to enhance operational efficiency. Skilled in Agile methodologies, ensuring high-quality code and effective collaboration. Seeking to leverage technical skills in a challenging role that aligns with organizational goals.

SKILLS

Proficient:

- React.js, Next.js, JavaScript, Tailwind CSS, Git/GitHub, Shadcn UI, Material UI.

Basic:

- TypeScript, Tanstack Query, Zustand, Framer Motion, REST APIs, MongoDB, PostgreSQL, Prisma.

WORK EXPERIENCE

Software Developer

Mar 2023 - present

Tracom Liberia Inc. - Monrovia, Liberia

- Contributed to the development and implementation of a tax collection system for the Liberia Revenue Authority, enhancing efficiency and accuracy in tax processing.
- Integration of Electronic Fiscal Devices with the MILIKI system along with implementation of the MILIKI System GraphQL API integration with taxpayers' POS systems, facilitating real-time monitoring of taxpayer invoices and improve revenue tracking.
- Debugging and resolution of software issues in deployed Electronic Fiscal Devices, ensuring consistent functionality and reliability for taxpayers.
- Collaboration with cross-functional teams to ensure delivery of high-quality software solutions within established deadlines.

Web Developer (Internship)

Aug 2024 - Nov 2024

Zidio Development. - India, Remote

- Led the development of two MERN stack applications in collaboration with a distributed team of six developers, achieving project completion ahead of schedule.
- Architected and deployed responsive frontend solutions capable of supporting 1,000+ concurrent users, reducing page load times by 40
- Designed and implemented a real-time notification system and automated certificate verification process for over 500 daily active users.
- Collaborated effectively within a remote working environment, ensuring seamless communication and meeting both development milestones and team objectives.

Information Technology Officer

Feb 2022 - Jan 2023

Fidelity Healthcare Services Inc. - Monrovia, Liberia

- Development and implementation of the hospital website, significantly enhancing online presence and patient engagement.
- Leadership in the adoption and integration of a new hospital management system, facilitating training sessions that achieved high user adoption rates.
- Provision of technical support and strategic guidance across diverse hospital functions to streamline IT operations and improve overall efficiency.
- Oversight of technology-driven initiatives focused on increasing operational effectiveness in alignment with institutional priorities.

Data Assistant

Sept 2018 - Oct 2019

Kampala Capital City Authority. - Kampala, Uganda

- Creation and management of property files, ensuring accuracy and promptly resolving discrepancies.
- Integration of new properties into the Computer-Aided Mass Valuation Database system for streamlined data organization.
- Implementation of data entry processes to support efficient property on-boarding.
- Identification and correction of inconsistencies in property records to enhance data reliability.

CERTIFICATIONS

Web Development Training, Zidio Development

2024

React Learning Program, Andela

2023

Responsive Web Design, FreeCodeCamp

2022

PROJECTS

Sales and Inventory Management Application

[Demo](#) — [Source code](#)

- Development of a comprehensive sales and inventory management system using Next.js, Tailwind CSS, shadcn/ui, and Appwrite, enabling real-time tracking of sales transactions and inventory levels.
- Utilization of Appwrite backend services for secure user authentication, scalable database management, and efficient file storage handling.
- Implementation of interactive dashboards featuring key metrics including revenue tracking, sales growth analysis, purchase orders and inventory monitoring.
- Admin Login credentials: Email:- admin@gmail.com. Password:- 12345678 / User Login credentials: Email:- user@gmail.com. Password:- 12345678

EDUCATION

Bachelor of Information Technology and Computing

Jun 2013 - Dec 2016

Kyambogo University. - Kampala, Uganda