

EZEKIEL CHARO

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PROFESSIONAL SUMMARY

Full-stack software developer with 4+ years of experience building scalable web and mobile apps. Currently driving innovation at Zeraki, where I've contributed to developing a school accounting solution now used by 1000+ schools across East Africa.

SKILLS

- Core competencies: Test-driven development, Component design, performance optimization.
- Languages: PHP, JavaScript, TypeScript, Python, SQL.
- Testing: Jest, Jasmine, PHPUnit.
- Frameworks: Laravel, Vue.js, Next.js, Angular, Express.js.
- Tools and platforms: Git, Figma, Cloud (AWS, GCP), Linux, Postman, Todoist.
- Others: CI/CD, Technical Documentation, Problem-solving, Collaboration, and Communication.

WORK EXPERIENCE

Software Developer - Zeraki, Nairobi

May 2021 - Present

- Led front-end development and contributed to code quality through regular code reviews.
- Collaborated with designers to create visually appealing and user-centric interfaces, contributing to an increase in users from less than 50 schools to over 1000 schools.
- Engineered scalable architecture with state management, lazy-loading, and component composition, improving site performance by over 60%.
- Enhanced application security by implementing best practices, including reCAPTCHA, input validation, and role-based access control.
- Established Bitbucket Pipelines for automated deployments/delivery.
- Architected client-side caching & offline-first capabilities, improving user experience and saving server costs.

IT Support intern - Grain Bulk Handlers, Mombasa

October 2020 - November 2020

- Contributed to the digitization of physical HR records.

IT Support Attachee - Postal Corporation of Kenya, Kakamega

April 2019 - July 2019

- Provided general IT support, including troubleshooting of hardware, software, and network issues

EDUCATION

Masinde Muliro University of Science and Technology

BSc. Information Technology

2015 - 2019

- Coursework: Data Structures & Algorithms, Software Design Principles, and Programming Languages.
- Notable projects: Real estate web platform (<https://github.com/ezQel/fullhouse>), and a plant identification application (https://github.com/ezQel/Mimea_API, <https://github.com/ezQel/Mimea>).

PERSONAL PROJECTS

Bulk SMS Manager Application

Tech Stack: InertiaJs, Laravel, VueJs, Tailwind, MySQL.

🔗 <https://github.com/ezekiel-charo/bulk-sms-manager>

Built a production-grade full-stack messaging app to simplify customer engagement via bulk SMS.

- Developed a complete contact management system to send SMS in bulk and track delivery history.
- Integrated Africa's Talking SMS API to facilitate high-volume SMS dispatching.
- Implemented a modern, maintainable SPA architecture with Inertia.js and reusable Vue components.