KAKWIRI STEPHEN

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SUMMARY

- Extensive experience in Node.js and Microservices design using Express.js and Typescript

- Proficient in Test Driven Development (TDD) and Design Driven Development (DDD)

- Expertise in developing mobile libraries for React Native to consume mobile APIs

- Experience in deploying containerized applications using Docker and Kubernetes

- Expert-level skills in developing MERN applications

- Contributed to engineering and marketing decisions, gaining insight into business processes

EXPERIENCE

Full Stack Engineer | ModernSoft Cloud
Feb 2023 - Nov 2023| KENYA

- Working on Smaat Saas solutions
- Conducting design reviews to ensure smooth development process
- Strengthening technology compliance and risk management
- Coordinating cybersecurity efforts and developing remediation plans
- Integrating ERP, CRM, and HRIS systems to enhance efficiency
- Leading initiatives to enhance data privacy and compliance
- Implementing secure IAM solutions using Amazon Web Services
- Optimizing cloud resource usage to reduce costs
- Contributing to innovation and process improvement
- Collaborating with teams to streamline operations

MERN Stack Developer | Ingressive For Good + Zuri Training
August 2022 - December 2022 | Remote (Nigeria + Kenya)

- Developed full-stack applications using MongoDB, Express, React, and Node.js
- Implemented RESTful APIs for seamless communication between front-end and back-end
- Utilized Redux for state management and improved user experience
- Integrated third-party APIs for enhanced functionality
- Ensured code quality through unit testing and CI/CD pipeline
- Collaborated with cross-functional teams to meet project requirements
- Contributed to the development and maintenance of scalable and efficient MERN stack applications

Full Stack Engineer | Savannah Silica Community
Jan 2022 - June 2022 | Remote

- Migrated PHP to NodeJS, developed web apps with React/Redux, reduced loading times by 33%
- Utilized CI/CD for deployment and unit testing
- Implemented responsive design and collaborated for quality assurance
- Enabled paperless rent collection with APIs
- Applied UI requirements and added new features
- Worked on mobile apps with React Native

Software Developer | **Multimedia University IT Club**
September 2021 - July 2022 | Kenya

- Developed and implemented web applications into Sitecore systems using SCRUM Agile methods.
- Backed integration of restful API.
- Fronted development of a web app (Next.js and Tailwind CSS).
- Analyzed different alternatives to migrate AWS RDS DB Snapshots.
- Served as a Software Lead engineer for the smart agri Program.
- Conducted testing & validation to ensure web pages conform to government regulations and policy

Volunteer Experience
- **Nextjs Lead(Multimedia University of Kenya):** I was in charge of planning and coordinating with monthly Nextjs programming contests. This involved creating a budget and shortlisting candidates. Organizing and taking fellow students through short online teaching to know more about the language.
- **Logo Design:** Collaborated to design the company logo and other web pages. Created, Analyzed, and Implemented User Flows and mapped out pathways to ensure a smooth user experience.
- **Project management**: As a volunteer, I also took on project management responsibilities, helping to coordinate the work of other volunteers and ensuring that deadlines were met.
- **Mentoring:** One of my key roles with the ICT group was as a mentor to other volunteers who were learning frontend development. I provided guidance and support to help them improve their skills and contribute more effectively to the group's projects.
- **Quality assurance (QA):** As part of my work on the website, I also helped to test and debug the code, ensuring that it was free of errors and worked as intended.
- **Documentation:** I also contributed to the documentation of the group's projects, helping to create user manuals and other materials to support the group's users.

Projects

Reimagined-Shoppy - https://reimagined-invention-shoppy-kakwiristephen.vercel.app/
Experience the power of a compact yet robust data analysis platform that effortlessly transforms complex data into visually appealing graphs and charts

FORKIFY -https://forkify.com
This is a fully functional recipe application that is full stack

Natours - (Natours Site)
This is a full stack application. It's a web app for planning, booking and reviewing tours. Payment checkout using stripe has been integrated with all secured authentication

Speak-Omm https://phanox.vercel.app/
Crafted with care, my small eCommerce site offers a seamless shopping experience, showcasing a curated selection of products that cater to diverse tastes and preferences.

PowerPulse Mentor -https://muscle-mentor-kakwiri.netlify.app//
Gym & fitness web app. Discover new workouts and exercises through a vast library of fitness content

LinkedIn Clone- https://linkedin-clone-kakwiri.netlify.app/
An Adanian Lab subsidiary company for providing digital and marketing solutions for Business in the country

HomeSmart - https://kakwiri-homesmart-landing.netlify.app/
Tailwind Perfection

SKILLS

- **Programming:** React Native, Javascript, Golang, NextJS, Firebase, Nodejs, Redux, MongoDB /PostgreSQL, Currently learning AWS, OAuth JWT tokens, CI/CD, AUtomated testing, Performance Analysis and Optimization

- **Concepts:** Design Implementation, OOP, Leadership, Project Management, Entrepreneurial

- **Mobile Frameworks**: Flutter, Expo/React Native, TailwindCss

- **Web Framework**: Reactjs, Angular, Typescript, TailwindCss,Craft CMS

- **Version Control:** Git, Github, GitLab.

EDUCATION

Moringa School | Software Engineering April. 2022-Nov. 2022 ● Software Engineering
- App development
- Ui/Ux design
- Data Structures and Algorithms

Multimedia University | Bs Computer Science
- Computer Science
- HCIA datacom-Huawei Certified Network Engineer

CERTIFICATION
- HCIA Datacom-Huawei certification for network engineers specializing in routing and IPs ● Ip network sales specialist
- HCSA Intelligence Collaboration