

RUKEVWE ERIC

SOFTWARE ENGINEER

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PROFESSIONAL SUMMARY

I am a software engineer with 3 years of experience specializing in frontend development, AI integration. Skilled in building scalable, secure systems and optimizing AI-driven solutions for complex challenges, I'm passionate about driving high-quality, impactful results within dynamic, cross-functional teams by leveraging modern tech stacks and agile methodologies. My proficiency extends to back-end development using backend technologies, where I architect robust APIs and scalable systems.

TECHNICAL SKILLS

Front End | HTML, CSS, ReactJs, NextJs, JavaScript, TypeScript, Tailwind-CSS

Back End | Python, Django, NodeJs, ExpressJs, MongoDB, REST-API

Testing/Deployment | UnitTest, Jest, Docker, AWS

Developer Tools | Docker, Git, npm, Linux

EXPERIENCE

Frontend Developer | Kadosh Mechatronics

June 2024 – August 2024

Lagos, Nigeria

Next.js | TypeScript

- **Developed and implemented** onboarding screens and user interfaces using **Next.js** and **TypeScript**, following **Figma** design specifications.
- **Integrated and consumed RESTful APIs** to enhance the functionality and responsiveness of the client-side application.
- **Utilized Next.js** for server-side rendering, reduced page load time by **20%** and **optimized performance** by **80%** in the onboarding workflow.
- **Ensured type safety** and maintainability by leveraging **TypeScript** throughout the development process.
- **Collaborated** with backend developers to ensure seamless data flow and alignment with **API** requirements.

Frontend Developer | Quantum Tech Solutions

June 2023 - June 2024

Cape Town, South Africa

Next.js | TailwindCSS | Mongo-DB

- **Led Comprehensive Full-Stack Builds:** Accomplished a **70%** increase in application functionality and performance, measured by responsiveness and interactivity, by **leveraging Next.js, Tailwind CSS, and MongoDB** to deliver high-quality web applications. Resulted in **100+** customers and established recurring revenue.
- **Refined User Interaction and Interface:** Improved user engagement and satisfaction by **40%**, as measured by feedback and retention metrics, by designing clean, visually appealing interfaces with **Tailwind CSS**, increasing overall product appeal and usability.
- **Implemented Data-Backed Enhancements:** Achieved a **90%** speed optimization and boosted engagement rates through data-driven decisions, using user metrics to refine performance, enhancing the application experience and customer retention.
- **Developed Scalable Code Architecture:** Enabled rapid feature expansion and adaptability to evolving business needs, evidenced by accelerated development cycles, by creating a scalable architecture with **MongoDB and Next.js** that directly supported product growth and recurring revenue from **100+** customers.

Software Engineer Intern | ALX Africa

August 2021 - September 2022

Nairobi, Kenya

Django | Python

- **Learned** best practices and **fundamentals** of software engineering in areas of project **architecture, backend**, and how to effectively self-teach new technologies
- **Designing** technical requirements and determined the most effective solutions by creating **wireframes, designing schema**, and researching outside **resources**
- **Designing** pages and **RESTful** routes, made web requests to retrieve **data**, formatted and styled results, and worked with libraries
- **Writing Unit test** for applications using libraries such as **Pytest** and **Unit test**
- **Working with APIs** consuming 3rd party APIs, building **APIs endpoints** with the **CRUD operations** using the **Django Rest Framework** and making use of it on the frontend.

PROJECTS

Study Peer

- Architected a responsive **frontend** using **Next js**, enhancing user experience and reducing page load times by **35%**.
- Enabled full Create, Read, Update, Delete (CRUD) functionality for study rooms and topics, leveraging Django on the backend for secure and efficient data management..
- Deployed, managed servers, achieving **99.9%** uptime and auto-scaling to handle **200%** traffic spikes.
- Implemented Django's authentication system for user.

EDUCATION

ALX Software Engineering – Certificate of Completion, Software Engineering

2020 - 2021

Institute for Industrial Technology – Certificate of Proficiency, Electrotechnics

2014 - 2016