

Rodney Kipkemoi

Full stack Software Engineer

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Personal Profile

A multi skilled and experienced software engineer with a track record of developing and maintaining high quality and scalable software solutions. I bring forth a background in enterprise system development, where I have collaborated with cross-functional teams to understand complex business requirements and translate them into scalable software applications. I possess expertise in designing and implementing APIs, developing frontend and backend components and services and ensuring seamless deployment and integration within production. I am a fast learner, research enthusiast and flexible to changing technologies, environment and work dynamics.

Relevant Experience

Fullstack Engineer @BOXRAFT

2023 to date onsite

- Develop frontend components to serve video, events and news for integrated media platform
- I develop CICD pipelines to support deployment and integration of services on AWS cloud.
- Work in developing of backend services in typescript and python and containerizing them via ECS docker containers and AWS fargate on AWS cloud.
- Implemented consumption of third party API's, web scrappers and generative machine learning models in content aggregation and search optimization

Full Stack Engineer @CustEx

Feb 2022 - March 2023 Remote

- Structured several internal systems comprising of management tools, revenue reporting and product workflow tracking as well as design of custom REST APIs built in Nodejs.
- Worked with a variety of different languages, and frameworks to develop the company's social enterprise software. Languages included JavaScript, Nodejs, React, Redux, AWS
- Communicate and collaborate with multi-disciplinary teams of engineers, designers, and stakeholders to determine product design and workflow.
- Used AWS Lambda to create serverless functions that load the model and perform predictions based on incoming data.

Frontend developer @ Silicon Savannah

April - September 2022 onsite

- Worked with a team of designers and engineers to build a hospital management system and e-commerce platform for a pharmaceutical company known as Trupharmacare.
- Helped solidify a brand direction for the company through in-house redesign and structuring of company application Kazini-24 to ease business dependencies. The application offered IOT solutions to small scale businesses to leverage logistics through application of tracking dependencies of personnel availability, accounting of sales and stock availability and offering financial incentives through the accounting metrics.
- Interfaced with clients on a weekly basis providing technological expertise and knowledge

Machine learning Intern @ Ivy

September 2021 - January 2022 remote

- Data preprocessing. As an ML intern, I was responsible for data collection, data cleaning, and data preprocessing tasks. This involved data scraping, data labeling, feature engineering, and data normalization.
- collaborated on end-to-end machine learning pipeline which involved optimizing code for training models and experimental design and analysis of hypotheses involving the ML model.

Freelance developer

Jan - Dec 2021

- Developed and shipped highly interactive web applications for various clients across platforms such as Fiverr, Freelancer and Upwork.

Skills

Programming Languages JavaScript (ES6), Nodejs, java, Typescript, HTML, CSS,

Python

Libraries & Frameworks

jQuery, React, spring boot, vuejs, Firebase, bootstrap, Express

Tools & Platforms

Git, Webpack, Netlify, Heroku, Vercel, Docker, Jupyter Notebook

Design

Sketch, Canva, Adobe illustrator, Photoshop

Education

Muranga University of Technology

Bachelor of Science in Software Engineering.

Projects

recommendation System

Creating models that provide personalized recommendations for users based on their preferences and behavior. The technology utilizes Scikit-learn and Surprise libraries in prototyping, classification and evaluation of the ML model.

Text Language Translator application

Web application that utilizes google translate API to translate text across different languages application. Project utilizes Nodejs, express, ejs, and bootstrap.

Interests

Traveling, hiking

References

1. Silicon Savannah

John Kiama: CEO - +254 725 033953

2. CustEx

Daniel Curran: CEO - svexec@hotmail.com