EMMANUEL LANGAT

Full Stack Web Developer

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PROFILE

- Experience in analysis design, development and implementation of various applications and client-server architecture using Python/Django,JavaScript/React, JavaScript/Node spanning the entire Software Development Life Cycle.
- Experienced in React for frontend development and its libraries such as Redux for state management, React-router for routing and jest/enzyme for testing. Experience with Git and Jira.
- Experience with docker as a containerization tool.
- Experience working within an Agile/Scrum workflow.
- Good documentation skills with the ability to meet deadlines and an ability to work within a cross functional enviroment.
- Experience with Boostrap, Sass and Css.
- Beginner experience with the deployment of full stack systems to AWS using elb, ec2 and aws amplify.

WORK EXPERIENCE

(JAN 2021 - DATE) Etinx

Full Stack Software Engineer

- Performing requirement analysis design and test managements of the applications.
- Developing scalable and testable backend applications using Node and Express or whatever language is specified by the project manager.
- Developing mobile responsive frontend applications with UI's that meet the designer's specifications using React, Redux and SASS.
- Developing and maintaining CI/CD workflows using github actions or whatever tool that is specified.
- Integrating third party API's into the various projects that i am involved with.
- Deploying the projects to Amazon AWS and configuring and maintaining the same.
- Holding bi-weekly meetings with the business team (client) for feedback and further clarifications.
- Holding etinx classes whenever assigned.

(AUG 2020 - DEC 020) Etinx

Remote Junior Full stack software developer

- Performed requirements analysis, design, development and test management of the application.
- Performed devops tasks and successfuly hosted the application to AWS elastic beanstalk and uses the Amazon RDS.
- Contributed to each project delivery phase (analysis, development, test, ops) in different roles (Frontend/Backend/Full-Stack roles)
- Developed the backend of a ussd application using Node express for the backend and PostgreSQL as the database.
- Developed the admin portal of the application using react and react-redux.
- Performed testing on both the fronted and backend.
- Integrated Africa's talking USSD and sms services
- Held bi-weekly showcases with the business team (client) for feedback.

(MAY 2020 - AUG 2020) Etinx

Remote Full stack Software engineering intern

- Worked under a mentor/senior software engineer who guided me on the best software engineering practices.
- Performed duties in the development of several applications using different tools and languages such as Python, Node, Jira and Git.
- Went through a training where i learnt Machine learning principles and tools using python such as numpy, pandas, matplotlib and seaborn.

Facebook Developer Circles and Andela

(APRIL 2020 - JUNE 2020)

Full stack Software Engineering intern

- Took part in the #buildforsdg challenge, where together with other team members we remotely collaborated and worked on the zero hunger sdg challenge.
- Worked extensively on the django backend using Django rest framework to create endpoints to be consumed by the frontend.
- Performed unit tests using pytest and TravisCi.
- Hosted the app on Heroku for it to be consumed by the react frontend.
- Performed unit and integration test for the React frontend using jest and enzyme.
- Performed frontend styling using Sass and bootstrap
- Used Git for collaboration.
- Performed bug tracking, issue tracking, and project management using Jira.
- Gained meaningful experience working within a team, acted as scrum master for a few times.

EDUCATION

LAIKIPIA UNIVERSITY

(SEPT 2016 - OCT 2020)

BSC COMPUTER SCIENCE

Course work

Analysis of algorithms, data Structures, Programming, Networking, Database management, Blockchain technology, IoT.

MORINGA SCHOOL

(JULY 2017 - JULY 2020)

INTRODUCTION TO SOFTWARE ENGINEERING

Course work. Git, HTML, CSS, J QUERY, JAVA SCRIPT

SKILLS

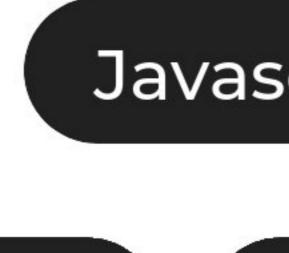
Python

Express

Django

React





Git



Docker



AWS

Reading novels

HOBBIES

Typescript (Currently learning typescript for use in node and react projects)

Jira

LANGUAGES

English

Swahili



