

KZ 301/3, KASOA, GHANA  
(233)205054183

## JOSHUA OCRAH

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### EMPLOYMENT

#### DevOps Engineer

Kudobuzz

August 2021 -- Present

- Investigated and fixed server incidents to ensure high availability.
- Improved server monitoring to help identify fatal errors which were hard to spot earlier.
- Worked on improving database performance through better querying and indexing.
- Implemented scaling of resources and servers to handle increasing user demand.
- Improved build times of continuous integration pipelines resulting in higher developer output.

**Key Achievement:** I contributed to user satisfaction by ensuring every part of the app infrastructure works as it should and also improved the developer experience.

#### Team Lead

Kudobuzz

December 2020 -- July 2021

- Implemented and launched review widgets for e-commerce platforms: Shopify, Wix and Bigcommerce.
- Improved the performance of review widgets by 50% through optimizing code and webpack build pipeline. As a result, widgets' loading speed and performance for merchants' stores improved.
- Worked on widget backend API features to offer localization and customizations for review widgets which gave e-commerce merchants a wide range of possibilities when customizing widgets.
- Worked on CI/CD pipeline for review widgets to ensure quality code and speed of shipping.

**Key Achievement:** I led a team of 2 to successfully launch review widgets for e-commerce merchants on Shopify, Wix and Bigcommerce which helped in product sales.

#### Full-stack Software Engineer

Kudobuzz

August 2019 – November 2020

- Helped to build the integration of Kudobuzz into Wix to help Wix merchants to leverage reviews for their stores to improve sales.
- Implemented email delivery enhancements that relied on cron jobs to send review request emails with 99% deliverability some determined time after customers make orders on merchants' shops.
- Implemented payment subscription features to integrate with e-commerce platforms and enable subscriptions to be monitored.

**Key Achievement:** I helped open the product up to a larger audience through the integration with Wix to serve as a sales boost for merchants who serve as 76% of the company's user base and are currently the main source of revenue.

#### Full-stack Software Engineer

MyPasel Technologies

August 2018 – July 2019

- Designed and implemented an on-demand delivery platform for android and IOS.
- Developed Nodejs REST API for the application.
- Developed web application frontend using React and NextJS.

**Key Achievement:** I played a vital role in helping launch a product from the ground up to serve as a reliable means of item delivery for businesses and individuals.

#### Teaching Assistant

University of Ghana

September 2017 -- August 2018

- Organized tutorial sessions for students in Artificial Intelligence and robotics.
- Performed administrative roles such as grading assignments and maintaining student records.

**Key Achievement:** I got to play a part in mentoring students based on my own experiences.

## TECHNICAL EXPERIENCE

### Skills, Languages and Technologies

- Javascript; React; Typescript; Node.js; Python; Linux; Kubernetes; Google Cloud Platform;
- Software Testing; CI/CD; Docker; AWS; Terraform; Rest API Architecture; GraphQL; PostgreSQL;
- Redux; Git; Bash; Shopify; Wix; Bigcommerce; MongoDB; MySQL; Kafka; Nextjs; Svelte;
- Vue.js; PHP; Laravel; Functional programming; Object Oriented Programming;

## EDUCATION

**Legon, Accra**

**University of Ghana**

**September 2013 – July 2017**

- BSc in Computer Engineering