

COLLINS HILLARY MUNENE

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Executive Summary

As an accomplished Software Engineer with over 5 years of experience, I possess a deep understanding of the intricacies of software engineering, computer security, artificial intelligence methods, and immersive tech development. My technical expertise is augmented by a business-oriented mindset that drives me to prioritize customer satisfaction and continuous improvement.

In particular, I am well-versed in CI/CD and DevOps methodologies and have extensive experience working with delivery tools, including building and customizing these tools to better serve the needs of my teams and clients. My commitment to value addition is evident in my approach to product delivery, which involves a comprehensive analysis of customer needs and a focus on delivering high-quality, innovative products that exceed expectations.

Professional Experience

Lead Back-End Software Engineer

GrainConnect Limited – *AgriBusiness company*

03/2022 - Present

My duties, responsibilities, and achievements are as follows:

1. Develop and maintain tools to improve the development experience, allowing my team to ship work faster.
2. Leading the organization's innovation efforts, including identifying new opportunities for growth, improving efficiency, and enhancing the customer experience.
3. Providing technical leadership and guidance to the organization's engineering and development teams
4. Design, development, deployment, testing(Unit and Security), and rollout of organization solutions.
5. Developing and executing the organization's technology strategy, including identifying emerging technologies and assessing their potential impact on the business
6. Evaluate third-party and in-house solutions to solve complex process problems.
7. Create and maintain scripts in Bash, Python, and Js.
8. To Build and maintain monitoring and alerting systems that provide visibility into software processes and other critical systems.
9. Usage of deployment tools such as Kubernetes, Terraform, Harness, Docker, and OpenShift to automate infrastructure deployment, provisioning, and configuration management.

Software Engineer

Coseke (K) Limited – *Software development company*

07/2021- 03/2022

My duties, responsibilities, and achievements are as follows:

1. Design, development, deployment, testing, and rollout of solutions.
2. Create and maintain scripts in Bash, Python, and Js
3. Documentation of solutions provided.
4. Act as a point of reference on tender and quotation responses.
5. Participation in proof of concept.
6. Evaluate third-party and in-house solutions to solve complex process problems
7. Collaborate with the team and other stakeholders to identify pain points and inefficiencies in development processes, and develop solutions to address them.
8. Determining the operational feasibility of given projects.

Software Engineer

Brisk Limited Solution – *Software development company*

09/2020 – 07/2021

My duties, responsibilities, and achievements were as follows:

1. Successfully led 2 projects to completion.
2. Performed software implementation as per the documented user stories and highlighted user requirements.
3. Designed the user interface(Front-end) of the application.
4. Repeatedly performed Unit/Component testing and integration testing of the modules.
5. Responsible for code merge of the team developers using Gitlab.
6. Mentored 3 new juniors.
7. Created prototypes and demos for client presentations.
8. Responsible for creating the project structure of each project that I led.

Technical Associate

Kenya Literature Bureau(KLB) – *Nairobi Book Printing company*

09/2019 - 12/2019

In my capacity I performed the following duties and responsibilities:

1. Organizations Network Setup which allowed each department to have access to a quality network.
2. WAN and LAN configuration.
3. Daily computer maintenance.
4. Technical customer support for different departments.

Skills and capabilities

Front-end:

JavaScript, Html, CSS, Bootstrap

Back-end:

Python, Node.js, PHP

Frameworks:

Django, GraphQL, Express.js, FastAPI,

Flutter, A-Frame, XCrud, Google AppScript, Fastify

Database & Servers:

MySQL, PostgreSQL, MongoDB, Apache, Nginx

Others:

Git, Linux, Apache Jmeter, Cyber Security Tools,

Forensic Tools, Docker, Jenkins, Kubernetes,

Openshift, Terraform