COLLINS HILLARY MUNENE

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Executive Summary

As an experienced Software Engineer with a demonstrated history of working in the Technology industry, I bring a business-oriented mindset to my technical expertise, with a deep understanding of the complexities of software engineering, computer security, artificial intelligence methods, and immersive tech development.

With a focus on continuous improvement and a customer-centric mindset, I am dedicated to achieving business success through the delivery of high-quality, innovative products that exceed customer expectations. I am committed to adding value to the End-Product through subjective assessment and comprehensive analysis.

Professional Experience

Lead Back-End Software Engineer

GrainConnect Limited – *AgriBusiness company*

03/2022 - Present

My duties, responsibilities, and achievements are as follows:

1. Providing strategic direction and leadership for the organization's technical initiatives.
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, and rollout of solutions.
5. Developing and executing the organization's technology strategy, including identifying emerging technologies and assessing their potential impact on the business thus staying on top of emerging trends.
6. Software implementation as per the documented user stories and highlighted user requirements.
7. Software testing (Unit and Security), Code reviews and refactoring.
8. Review design documents and code changes made by other technical teams to ensure they meet quality standards and best practices.
9. Team Mentoring and guidance.
10. Distributed Microservice architecture implementation and management lead.

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. Design and implement new features in accordance with the product roadmap
3. Documentation of solutions provided.
4. Act as a point of reference on tender and quotation responses.
5. Participation in proof of concept.
6. Continually improve the codebase by writing clean, efficient, and maintainable code, and choosing the most appropriate technology to solve problems
7. Code reviews and refactoring.
8. Determining the operational feasibility of given projects.
9. Team Mentoring and guidance.

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. Team Mentoring and guidance.
7. Code reviews and refactoring.
8. Develop and maintain the testing infrastructure to increase code coverage for backend modules
9. Created prototypes and demos for client presentations.
10. 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,

ArgoCD, Terraform, Ansible, AWS EKS, GitOps,

DevOps