P.O. Box 256 – 60100, Embu

www.github.com/bryokim

BRIAN KIMATHI

0790072836

brian.kimathi.ndwiga@gmail.com

EDUCATION

Nairobi, KEN   **ALX Africa**   **Nov 2022 – Jan 2024**
- ALX Software Engineering with specialization in backend.
- Coursework: Software Foundations; Computer Architecture; Algorithms & Data Structures; Databases; Programming Languages; Docker; Git

Nairobi, KEN   **Light Academy**   **Jan 2016 – Nov 2019**
- Kenya Certificate Of Secondary Education
- Mean A.

SOFTWARE PROJECTS

Personal Website: https://bryokim.github.io

Poetry Galore (https://bryokim.github.io/poetry-galore**)**
- Developed web app that allows users to post and read poems.
- Designed RESTful backend server in Flask.
- Incorporated persistent storage using MySQL.
- Utilized: Python, Flask, jQuery, MySQL, Bootstrap, HTML, CSS.

MongoUI:
- Implemented a user interface for use with MongoDB.
- Creating, updating and deleting databases, collections and documents can be done through the interface.
- Follows MongoDB's role-based access control by providing only actions that a user's role permits.
- Utilized: JavaScript, TypeScript, Nuxt, Vue.js, Docker, Vuetify.

Pycheckdoc:
- Developed tool for checking Python documentation.
- Inspired by checkers at ALX that require documentation for all Python code.
- Used abstract syntax trees to be able to get the docs for the module, function nodes and class nodes.
- Utilized: Python

LANGUAGES AND TECHNOLOGIES

Languages:
- **Proficient**: JavaScript; Python; SQL; HTML; CSS
- **Familiar**: C; TypeScript

Technologies:
- Visual Studio; Vi; Emacs; Docker; Git; Nginx; HAProxy

alx | Software Engineering

CERTIFICATE OF COMPLETION

This is awarded to

Brian Kimathi Ndwiga

For completing a 12 Month ALX Software Engineering Programme with a specialization in **Back-end**.

FRED SWANIKER
Founder & CEO, AL Group

JULIEN BARBIER
Chief Product Officer, ALX

Date of Issue: 31st January 2024

Program completion date: 29th January 2024

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The Kenya National Examinations Council

KENYA CERTIFICATE OF SECONDARY EDUCATION

This is to certify that the candidate named below sat for the Kenya Certificate of Secondary Education examination in the subjects shown and attained the grades indicated

20404006/050

NAME	NDWIGA BRIAN KIMATHII		"M1" 20404006/050
	LIGHT ACADEMY		

	SUBJECT	GRADE
101	ENGLISH	B (PLAIN)
102	KISWAHILI	A
121	MATHEMATICS	A
232	PHYSICS	A
233	CHEMISTRY	A
312	GEOGRAPHY	A
565	BUSINESS STUDIES	A

SUBJECTS NAMED SEVEN   MEAN GRADE A

EXAMINATIONS OF YEAR 2019

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Chief Executive Officer
Kenya National Examinations Council

Chairman
Kenya National Examinations Council

KCSE /19 4066628