JOSEPH MBUGUA

Email: josephkarimambugua@gmail.com

Mobile : 0768163608

PO.BOX 15

OLKALOU

PERSONAL PROFILE STATEMENT

I am a passionate, ambitious, and self-driven Full Stack Web Developer with a solid background in web development, Python programming, and RESTful API design. Recently, I completed an intensive training program at Teach2Give, where I gained hands-on experience with both front-end and back-end technologies.

On the front end, I worked a lot with HTML, CSS, JavaScript, React, Markdown, and React Testing. On the back end, I developed applications using Express.js, Prisma ORM, and PostgreSQL. I also integrated third-party services like Cloudinary. I built and used APIs, focusing on scalability and performance.

Aside from web development, I have started using DevOps practices in my work. I've worked with tools like Docker for containerization, Jenkins for continuous integration, and GitHub Actions for automating deployment processes. These tools have helped me improve development workflows and ensure faster, more reliable releases.

I have collaborated on several real-world projects with other developers on GitHub. I applied Agile methods and version control best practices. My ability to work in a team, learn quickly, and pick up new technologies makes me a valuable asset to any development team.

SKILLS

TECHNICAL SKILLS

WEB DEVELOPMENT

FRONT-END	BACKEND	DEVOPS	VERSION CONTROL	ADDITIONS
HTML	RESTful API	Containerization	Git	Operating systems
CSS	Node.js	CI/CD	GitHub	computer packages
JavaScript	Express.js	Environment Management	Collaboration and Workflow	
React.js	Authentication Authorization	Cloud and Hosting		
React Testing	Backend Testing			
State management	Logging and Monitoring			
	Postgress Database			

JosTech-Computers-website	https://github.com/Joseh254/JosTech-Computers-website
Products-Rest-API:	https://github.com/Joseh254/Products-Rest-Api-Version2
Advice App:	https://github.com/Joseh254/Advice-App_React
Ventricular defect System	https://github.com/Joseh254/VSD
Lipa na Mpesa app:	https://github.com/Joseh254/LIPA-NA-MPESA-PROJECT

EDUCATION

May 2024 -August 2024	Software Development at Teach2give (Distinction)
September 2020- April 2024	Murang`a university of technology (Bachelor of Science in Information technology) (Second class Lower Division)
2020 may-2020 August	Partners computer (Computer Packages (Distinction))
2016-2019	Ngumo Boys high school (C+)
2023 November	Cisco networking academy

- Certificate in python Essentials 1
- Certificate in Operating systems Basics
- Certificate in Introduction to internet of things
- Certificate in Introduction to Data Science at Cisco academy

EXPERIENCE

August 2022	IEBC clerk
2022 February -2022 April	work study Murang'a university
May 2023-August 2023	Industrial attachment Chriswats IT Solutions
May 2024-August 2024	Internship at Tech2give

HOBBIES
I enjoy reading non-fiction books, coding and socializing with friends and family.

LINKS
LinkedIn   https://www.linkedin.com/in/joseph-mbugua-51a1b5299/
GitHub   https://github.com/Joseh254

Portfolio   https://joseph-mbugua-portfolio.vercel.app/

REFERENCE

Mr. Denis Otwoma	Teach2give Trainer	O707573084
Dr. Geoffrey Mariga	Murang`a university dean	0722440677
Mr. wainaina	Ngumo Boys principal	0722468967
Chris Watene	Chriswats IT Splutions	0712691247

MURANG`A UNIVERSITY OF TECHNOLOGY

This is to certify that

Mbugua Joseph Karima

**Having satisfied all the requirements
for the award of the degree of**

Bachelor of Science in Information Technology

Second Class Honours (Lower Division)

**Was admitted to the degree at a congregation
held at this University
On Friday the Twenty Third Day of August
in the year
Two Thousand and Twenty Four**

CERTIFICATE
OF ACHIEVEMENT

This is to certify that

Joseph Karima Mbugua

has successfully participated in the Software Development Training program
at Teach2Give

"SOFTWARE DEVELOPMENT COHORT"

And is therefore awarded this qualification with distinction

Martin Ndirangu
Country Manager

TEACH2GIVE
INDIVIDUAL FAMILY COMMUNITY

July 26th 2024
Date

THE COMPUTER SOCIETY OF KENYA

Proficiency Certificate

This is to certify that
Joseph Karima Mbugua

has completed a course of instruction in
Computer Applications – Grade-Distinction

held at
Partners Computer Training College

whereof we have awarded this certificate

Given under our common seal 28th **day of** 08-2020

_____
Chairman

130483

_____
Hon Secretary

CSK No. In Register _____

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.

30544201/040

NAME: MBUGUA JOSEPH KARIMA
NGUMO BOYS SECONDARY SCHOOL

M1 30544201/040

SUBJECT		GRADE
101	ENGLISH	C+ (PLUS)
102	KISWAHILI	C+ (PLUS)
121	MATHEMATICS	B (PLAIN)
232	PHYSICS	B (PLAIN)
233	CHEMISTRY	C- (MINUS)
313	CHRISTIAN RELIGIOUS EDUCATION	C+ (PLUS)
443	AGRICULTURE	C- (MINUS)

SUBJECTS NAMED SEVEN   MEAN GRADE C+ (PLUS)
EXAMINATIONS OF YEAR 2019
PRINTED: 200529:134322

Chief Executive Officer
Kenya National Examinations Council

Chairman
Kenya National Examinations Council

This is a secure document printed using special paper and inks.
Please hold it up to the UV light to verify that the
word BARAZA LA MITIHANI and the "AUTHENTIC"
embedded thread can be seen through the paper.
Not valid without a hologram.

(See overleaf for conditions of issue)

KCSE / 19 4227910

'll' 'll' Networking
CISCO Academy

Certificate of Course Completion

Joseph Mbugua

has successfully achieved student level credential for completing the **Operating Systems Basics** course.

The student was able to proficiently:

- Explain the architecture of Windows and its operation.
- Use Windows administrative tools to configure, monitor, and manage system resources.
- Use the Linux shell to manipulate text files, identify services running and locate and monitor log files.
- Implement basic Linux security.
- Explain how to configure network connectivity and email on mobile devices.
- Explain the purpose and characteristics of mobile operating systems.

'llll' Networking Academy
CISCO
Verified

Operating Systems Basics

Scan to Verify

Laura Quintana

Laura Quintana
Vice President and General Manager
Cisco Networking Academy

November 06, 2023

CISCO Networking Academy

PYTHON INSTITUTE
Open Education & Development Group

Statement of Achievement

Joseph Mbugua

has successfully achieved student level credential for completing the Python Essentials 1 course, provided by Cisco Networking Academy in collaboration with OpenEDG Python Institute.

The graduate is able to proficiently:

- Design, develop, debug, execute, and refactor simple computer programs written in Python 3.
- Think algorithmically to analyze problems and implement them as computer processes.
- Use the syntax, semantics, and the most important elements of the Python Standard Library to write Python scripts and resolve typical implementation challenges.
- Understand the role of a programmer in the software development process.
- Attempt the qualification PCEP – Certified Entry-Level Python Programmer from OpenEDG Python Institute and continue their professional development at an intermediate level with Python Essentials 2.

CISCO Networking Academy
Verified
Python Essentials 1

Scan to Verify

Laura Quintana

Laura Quintana
Vice President and General Manager
Cisco Networking Academy

October 29, 2023

⑅⑅⑅ Networking
CISCO Academy

Certificate of Course Completion

Joseph Mbugua

has successfully achieved student level credential for completing the **Introduction to Data Science** course.

The student was able to proficiently:

- Explain the promises and challenges of data analytics.
- Explain the role of data in AI and Machine Learning.
- Explore different options to obtain a career in Data Analytics.

Networking
CISCO Academy
Verified

Introduction to Data Science

Scan to Verify

Laura Quintana

Laura Quintana
Vice President and General Manager
Cisco Networking Academy

February 21, 2024

CISCO Networking Academy

Certificate of Course Completion

Joseph Mbugua

has successfully achieved student level credential for completing
the Introduction to Internet of Things course.

The student was able to proficiently:

- Explain how IoT and Digital Transformation are positively impacting businesses and governmen
- Explain the importance of software and data for digital businesses and society.
- Explain the benefits of automation and artificial intelligence for digital transformation.
- Explain the concepts of Intent Based Networking.
- Explain the need for enhanced security in the digitized world.

CISCO Networking Academy
Verified
Introduction to
Internet of Things

Scan to Verify

Laura Quintana

Laura Quintana
Vice President and General Manager
Cisco Networking Academy

March 25, 2024