CURRICULUM VITAE

PERSONAL PROFILE

NAME   : MOSES MWANGAU MURUGA

LINKED IN   :http://www.linkedin.com/in/mwangau-muruga-700a99258

GITHUB   :https://github.com/mwangaumuruga

TELEPHONE   : 0758821177

EMAIL ADDRESS   : mosesmwangaumuruga@gmail.com

DATE OF BIRTH   : 28,OCTOBER,2000

SEX   : MALE

MARITAL STATUS   : SINGLE

NATIONALITY   : KENYAN

LANGUAGE   :ENGLISH,SWAHILI

RELIGION   : CHRISTIAN

EDUCATION

2018 - 2023   Kirinyaga University.

Bachelor of Science in **INFORMATION TECHNOLOGY**

Scheduled to Graduate on October 13th 2023

2022-Present   Africa Leadership Program(ALX)and Power Learn Project

Software Engineering (Online)

2017-2018   Petanns institute of business studies   Basic computer packages

2014-2017   Baricho Boys High School

Kenya certificate of secondary education

Grade: C+

2005-2013   **K.C.P.E**

Christ The King primary school

Marks 364

OPERATIONAL COMPETENCIES

Operating Systems(Linux &Windows)

 Skilled in installation and navigating through the Linux and Windows operating systems. Utilizing command-line tools and scripting in Bash and Python for efficient system administration to configure, troubleshoot, and optimize system .Am conversant in Microsoft Office in productivity softwares like Word, Excel, and PowerPoint, designed word processing, data analysis, and presentation creation

Networking

Well-versed in configuring, and maintaining network infrastructures,enabling me to design and implement network architectures that ensure seamless communication and data flow. Through hands-on experience, I have successfully configured routers, switches, and firewalls, optimizing network performance using Cisco Packet Tracer and ensuring reliable connectivity. Additionally, my troubleshooting skills using Wireshark to allow me swiftly identify and resolve network issues, minimizing downtime and disruptions. Whether it's addressing connectivity problems, optimizing bandwidth utilization, or implementing security measures, I am adept at ensuring the smooth operation of network environments.

Web applications Development

 Frontend development, I am proficient in React.js, a popular JavaScript library for building dynamic and responsive user interfaces. With hands-on experience, I have created interactive and visually appealing components that enhance user experiences. My understanding of React's component-based architecture, state management, and lifecycle methods enables me to design intuitive and engaging user interfaces that cater to diverse user needs.

On the backend, I excel in using Node.js and MySQL for efficient server-side development. Leveraging the power of Node.js, I have built robust backend systems that handle data processing, business logic, and API integrations. My expertise in API design allows for seamless communication testing them with Postman and Thunder Client.

For MySQL, I have effectively managed and manipulated databases, ensuring data integrity and efficient querying. By combining this technologies, I have developed scalable web applications projects that deliver a smooth end-to-end experience for users. My passion for staying up-to-date with emerging trends in web development ensures that I continuously enhance my skills to create modern, secure, and user-centric applications

Keen interest in System Adminstration and Penetration Testing

My profound curiosity for system administration and penetration testing in comprehendifng the inner workings of computer systems and networks. Within the realm of system administration, I derive great fulfillment from the management and enhancement of intricate IT ecosystems. This encompasses tasks such as server configuration, network infrastructure upkeep, and safeguarding data integrity. Leveraging tools and scripts within the Parrot operating system, deployed in virtualized environments like VirtualBox, and employing Wireshark for network analysis, I actively pursue avenues to fortify data security.

WORK EXPERIENCE

April 2023- July 2023 - The Jitu

WEB Development Attachment Student

June 2022-July 2022   -   Kerugoya Referral Hospital

IT Specialist Attachment Student

July 2020-Jan   2021 -   Quickmart Ruai

Supermarket attendant

CAREER OBJECTIVE

- Practical know how on topics and units learned in class

- Learn and acquire skills that will help me come up with Technological solutions specific to the African continent

- Get flexible knowledge on career approaching duties including those not inline with formal training

PERSONAL ATTRIBUTES

Proactive and hardworking person who adapts well to new environments

COMMUNITY SERVICE

- National Blood Transfusion Service, Kenya 2017-Present -Blood donor

- Computer Society Of Kirinyaga   2019-Present- Member

HOBBIES&INTERESTS

- Computing,

- Climate Change ,

- Problem solving and Strategies

- reading books,

- swimming

- skateboarding,

REFEREES

MR.Dk Josphat Karani

Kirinyaga University

Department of Pure and Applied Sciences

P. O Box 143-10300

Kerugoya

jkarani@kyu.ac.ke

Tel:0701030827

Relationship:Undergraduate Project Supervisor

MR Alvan Kinyua Munyari

Office Of The Deputy President

P.O Box 74434–00200i

Nairobi

kinyuaalvan@yahoo.com

Tel:0720685844

Relationship:Mentor

CERTIFICATE

OF ACHIEVEMENT

THIS CERTIFICATE IS PRESENTED TO

Moses Mwangau Muruga

For participating in The Jitu Full Stack Training Program at Kirinyaga University.

Awarded in July 2023.

Mark Allen
COO

THE **Jitu**

Aaron Ertler
CTO

PIBS

PETANNS INSTITUTE
OF BUSINESS STUDIES

"Your drive to Professionalism"

Certificate Of Merit

This is to Certify that

MOSES MWANGAU MURUGI

**Has Successfully Completed A Course In The
Following Computer Packages & Obtained A**

Distinction in

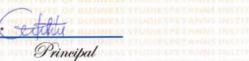**Introduction to computer science**
Ms. Windows
Typing
Ms. Word
Ms. Excel
Ms. Access
Ms. PowerPoint
Ms. Publisher
Adobe Pagemaker
Internet & Email

_____
Principal

4/07/2013
Date Of Issue

"Your Drive To Professionalism"

Linked **in** Learning

IT Security Foundations: Operating System Security

Course completed by Mwangau Muruga
Dec 05, 2022 at 01:47AM UTC · 1 hour 42 minutes

Top skills covered

(**Cybersecurity**)   (**Operating System Administration**)

Dar Bydnty

Head of Content Strategy, Learning

Linked in Learning

Wireshark Essential Training

Course completed by Mwangau Muruga

Jul 12, 2023 at 12:08AM UTC · 2 hours 21 minutes

Top skills covered

Wireshark

Dan Brodnitz

Head of Content Strategy, Learning

THE KENYA NATIONAL EXAMINATIONS COUNCIL

EXAMINATION FOR THE KENYA CERTIFICATE OF SECONDARY EDUCATION RESULT SLIP

K.C.S.E 1828979

KNEC

0920001Z/194 MURUGA MOSES MWANGAU

0920001Z BARICHO HIGH SCHOOL   0920001Z/194 *M1*   2017

SUBJECTS	GRADES
101 ENGLISH	C+ (PLUS)
102 KISWAHILI	C (PLAIN)
121 MATHEMATICS	B- (MINUS)
231 BIOLOGY	D (PLAIN)
232 PHYSICS	C- (MINUS)
233 CHEMISTRY	C+ (PLUS)
311 HISTORY AND GOVERNMENT	B (PLAIN)
443 AGRICULTURE	D+ (PLUS)

SUBJECTS RECORDED *EIGHT*   SUBJECTS DONE *EIGHT*

** MEAN GRADE C+ (PLUS) ** AGP= 46   DATE PRINTED :180105

K.C.S.E

The Kenya National Examinations Council

KENYA CERTIFICATE OF PRIMARY EDUCATION

KCPE

This is to certify that the candidate named below sat for the Kenya Certificate of Primary Education examination and qualified for the award of this certificate. The candidate attained the subject grades shown below.

NAME: MURUGA MOSES MWANGAU   09239141/002
SCHOOL: C.M.I CHRIST   09239141

                                                    GRADE

ENGLISH LANGUAGE   A
KISWAHILI   B (PLAIN)
MATHEMATICS   B+ (PLUS)
SCIENCE   B (PLAIN)
SOCIAL STUDIES AND RELIGIOUS EDUCATION   B+ (PLUS)

EXAMINATION OF 2013
PRINTED : 141021:05571386

_____
Secretary
Kenya National Examinations Council

_____
Chairman
Kenya National Examinations Council

This certificate was issued without any alteration whatsoever. See overleaf for grades and mark intervals.

KCPE /13   1020111