

CURRICULUM VITAE

PERSONAL PROFILE

NAME : Moses Mwangau Muruga
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DATE OF BIRTH : 28,October,2000
SEX : Male
MARITAL STATUS : Single
NATIONALITY : Kenyan
LANGUAGE : English & Swahili
RELIGION : Christian

EDUCATION

2019 - 2023 Bachelor of Science in **INFORMATION TECHNOLOGY**
Kirinyaga University.

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

2017-2018 Petanns institute of business studies Basic computer packages
Certificate

2014-2017 Baricho Boys High School Kenya Certificate of Secondary Education
Grade: C+

2005-2013 Christ The King primary school Kenya certificate of primary education
Marks 364

OPERATIONAL COMPETENCIES

1.Operating Systems(Linux &Windows)

I possess strong skills in both Linux and Windows operating systems, with a keen ability to efficiently install, navigate, and administer in these platforms. In addition, I am well-versed in Microsoft Office, including Word, Excel, and PowerPoint, for various tasks such as word processing, data analysis, and crafting engaging presentations. Finally i can comfortably use command-line scripting tools , particularly with Bash and Python for configuring, troubleshooting, and optimizing systems.

2.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 in my attachment programmes , I have successfully configured routers, switches, and firewalls, optimizing network performance using Cisco Packet Tracer and ensuring reliable connectivity. Additionally using 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.

3.Web applications Development

Backend Development, 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 RESTful API design allows for seamless communication testing them with Postman and Thunder Client.

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.

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

4.System Adminstration and Penetration Testing

My strong interest in system administration and penetration testing drives me to understand how computer systems work. In system administration, I find fulfillment in managing and improving complex IT setups, which includes setting up servers, maintaining network systems, and safeguarding

data. I use tools and scripts in Linux and work in virtual environments like VirtualBox, along with using Wireshark for analyzing networks, to enhance data security actively.

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

I aim to apply the practical knowledge and skills I have acquired in a way that enables me to develop technological solutions tailored to the unique challenges of the African continent. My goal is to continuously learn and acquire skills that provide me with the flexibility to address a wide range of career responsibilities, even those outside my 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

INTERESTS

Computing,Climate Change ,Problem solving and Strategies

HOBBIES

Reading books,swimming&skateboarding

REFEREES

MR.Dk Josphat Karani

Kirinyaga University

Department of Pure and Applied Sciences

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Relationship:Undergraduate Project Supervisor

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Relationship:Mentor

