<u>**CURRICULUM VITAE**</u>

JONAH WAKAHIU MAINA

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Nationality: Kenyan

Career Objective

To apply my knowledge of applied Physics and Computer Science to develop innovative solutions for real-world problems, leveraging my skills in data analysis, programming, and experimental design. I aim to work in a dynamic and challenging environment that fosters creativity and collaboration, allowing me to continuously learn and grow as a professional.

Experience

Nov 2023 to present:

Working as a freelancer

As a freelancer, I've been developing systems and websites for a variety of companies. This is assisting me in honing my skills in site administration and deployment, as well as the use of tools such as Docker for app containerization.

May 2023 to Aug 2023: Attachment at Kenyatta University of Kenya, Directorate of Information Communication and Technology

During my attachment period, I worked extensively with senior software developers, where I learned how to create user-friendly interfaces. I gained expertise in the following areas through hands-on work and collaboration in the creation of the Chandaria Management System:

- Designing the System flow using flow charts and designing the user interfaces using Figma.
- Developing the front-end using React, Bootstrap for responsiveness and JQuery
- Development of back-end APIs using Laravel and connecting them to React component.
- Creating and managing databases using MySQL
- Collaboration in github.

Education Background

September 2019–2023: Bachelors of Science in Applied Physics and Computer Science at the Multimedia University of Kenya

January 2019–February 2019: computer packages at Dykaan College

2015-2018: Kenya Certificate of Secondary Education at Njabini Boys

2006–2014 Kenya Certificate of Primary Education at N'garua Rironi Primary School

Skills and Competence

- Visualization and design of the user interface using Figma
- Front-end development using JavaScript and React
- Developing endpoints using PHP and Laravel
- Creating and managing databases using MySQL
- Containilization of applications using Docker
- Working and collaboration using Github

LANGUAGES

ENGLISH   fluent

KISWAHILI fluent

REFEREES

Ms. Joyce Thairu

Lecturer, Department of Physics

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