

CURRICULUM VITAE

MWENJA ROBERT RWARA

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Personal Profile Statement

A well-motivated, adaptive, responsible, cheerful and competent individual who is an API developer, Android App developer, Internet of Things, Networking and Web development enthusiast. Basically, I love technology and programming in the sense that sometimes it can be applied to solve some problems requiring technical solutions. I like to adapt to things faster to be able to have an advantage in a competition, also to work in a team and learn from them, and mostly I appreciate everyone in general.

GitHub profile: www.github.com/robertmwenja4

Personal Information

Nationality: Kenyan

Age: 25

Religion: Christian

Date of Birth: 30/10/1997

Marital Status: Single

Languages: English – Fluent, Kiswahili-Fluent

Education

- 2017 – 2022: **B. Tech Communications and Computer Networks, The Technical University of Kenya, Nairobi, Kenya**
- 2013-2016: Ndururumo High School, Nyahururu Town - Laikipia County
KCSE - Grade B.
- 2003 – 2012: Ngarenaro Primary School, Nyahururu Town - Laikipia County
Kenya Certificate of Primary Education(KCPE) - Attained 357 marks.

Professional Certifications

- July 2020 – August 2020: **Huawei Certified ICT Associate (HCIA-R&S), Huawei**
- March 2020 – April 2020: **IPSecurity and Open Internet Standard, Internet Society**
- January 2021 – September 2021: **Internet of Things, The Technical University of Kenya**

Career Objective

My primary objective is technological growth in the community to enable reduce of work rate among members of the community also impacting the knowledge to other individuals. I aim to develop systems that will help in the growth of our communities all over our country, Africa and the world.

Work Experience

1. September 2021 - Nov 2021 **Backend/API Developer - Timetabling Module, TUK, SCIT-Management System**

Responsibilities

- Develop and guide backend developers on endpoint design and development.
- Interact, post and fetch data from Neo4J Graph Database.
- Develop Docker Files to enable DevOps team to create Docker images.
- Communicate with frontend on endpoints needed.

2. April 2021 – May 2021 **IoT Associate Course Facilitator, TU-K**

Responsibilities

- Teaching practical classes on Microcontroller, different sensors and equipment used in IoT, API's, data transfer and analysis.
- Handling Arduino C and basic python programing for IoT and Raspberry PI.
- Guiding student during their practical sessions.

3. February 2022 – May 2022 **ICT officer at Ministry of Water, Irrigation and Sanitation (ICT support).**

Responsibilities

- Software and Hardware installation and configurations.
- VPN and financial system configurations.
- Network troubleshooting and maintenance.
- Web design, updating and development.

4. June 2022 – July 2022 **(Cyber Café at Buru Buru)**

Responsibility

- Ecitizen services.
- Printing, scanning, and Typesetting etc.
- Customer Support and Software installations.
- Network Troubleshooting and other cyber services.

5. August 2022 – October 2022 **(Stock Management Website development - Laravel)**

Responsibilities

- Design the stock management website and develop
- Mpesa integrations
- Stock transfer and adding to various shops.

- Multiuser authentication module development
- 6. October 2022 – December 2022 (Technical Support and Hosting Management)
Responsibilities
 - Customer support on Hosting platform.
 - Management of Shared hosting server.
 - Creating of Cpanel Modules for customer allocation.
 - Website development and Modifications.
 - Payment Integrations to WHMCs.
- 7. December 2022 – Present (Spine Business Systems)
Responsibilities
 - Development of ERPSPINE solution.
 - Developing different modules of the ERP.
 - Working as a Full Stack Developer in the Company.
 - Modification of modules as per customer needs.
 - Customer Support in how to use the system effectively.

Technical Skills

- Proficient in Java programing, PHP programing, Arduino C, JavaScript and some Python programing.
- Android application development.
- Backend/API's development using Spring Boot Framework(Java).
- Network design, installation, configuration and troubleshooting with cisco and Huawei routers and other devices.
- Linux administration.
- Internet of Things application development.
- Website Development using Laravel Framework.
- React JS framework.
- Node JS API development using express.
- JQuery and Ajax.
- Knowledge in Databases such as MySQL, PostgreSQL, MongoDB, Firebase DB.

Projects

- SCIT Student Management System.
- Smart Parking System using IoT.
- Tracking System using IoT.
- Restaurant Food Reserve System.
- Traffic Management System using IoT.
- Smart Meter System.
- Airport Luggage Tracking System- > <http://trippie-airport.herokuapp.com/>
- PJEA Stock Management System

Hobbies

- Playing Football games
- Travelling
- Programming for fun.
- Watching Movies
- Volleyball

Referees

Dr Kennedy Ronoh

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