



# David Mbugua

SOFTWARE ENGINEER

## Strengths

**Leadership** – Demonstrated this at Salute iWorld. I was the store manager and led my team to become the best-improved and best-selling store. I trained 5 interns who became one of the best Apple Consultants.

**Quick Learner** – Demonstrated this in my role as a Graphics designer. I was required to learn graphics design so as to be fully absorbed into the company as an intern. In less than 2 months, I was designing different things for the company e.g., Billboards, banners, the company website etc.

**Problem solver and decisive with Limited information** – I have demonstrated this in 3 major hackathons that I have attended. Having to come up with an idea quickly, build it and win really tests someone's problem-solving and decision-making skills.

**Communication** – As an apple consultant, with 2yrs experience, I have developed exceptional communication skills. I engaged customers, understood their needs, and provided tailored solutions to them. With a proven track record of winning the Best Employee award a couple of times. I have a track record of working independently and collaboratively.

## Employment History

### Software developer at Selluh Tech insurance, Nairobi

NOVEMBER 2022 — FEBRUARY 2023

Insurance-Tech early-stage Startup in Nairobi.

We are building an insurance underwriting system that underwrites individual business, corporate business, and Fund management.

- Build the mobile system using React Native (Android and IOS).
- I use electron to build the Desktop version.
- Build the web system using React and Node.
- Responsible for bug fixing and software analysis.
- Contribute to design changes and adding features.

### Apple Solutions Consultant-Store Manager, Salute iWorld, Nairobi

OCTOBER 2020 — OCTOBER 2022

### IT Specialist and Graphics Designer, Salute Holdings LTD, Nairobi

AUGUST 2019 — SEPTEMBER 2020

## Education

### Coding Bootcamp Certificate, Ubunifu College, Nairobi

JAN 2020 — NOV 2020

Ubunifu College of AI (Full Stack Software Development)

Front-end Development: HTML, CSS, JavaScript, Figma, React JS, Bootstrap

Back-end Development: Firebase, Node JS, Express, MongoDB, Python

## Details

WEBSITE:

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**LinkedIn (click these)**

GitHub

Medium

## SKILLS

### LANGUAGES

JavaScript | TypeScript |  
Python | Dart | HTML5 | CSS |  
SQL | MongoDB

### TECHNOLOGIES

React JS | Vue.JS | Node JS  
Flutter | React Native  
Firebase | Bootstrap | Git Rest  
APIs | Figma | Jest | Pixi JS  
Application & Web Servers

### OTHERS

Design Thinking | Agile  
Software development | CRUD |  
Adobe illustrator & XD | MVC  
architecture | Functional  
Programming | Object  
Oriented Programming

## TOOLS

VS Code | Android Studio |  
XCode IntelliJ | PyCharm |  
GitHub | Netlify & Vercel |  
Stack Overflow | Markdown

## Hobbies

Travelling, Hiking, driving, Listening  
to and discovering new Music.

## Languages

English

Swahili

## Information Technology, Zetech University, Nairobi

MAY 2018 — JUNE 2019

Joined Zetech to pursue a diploma in IT

## KCSE, Highway Secondary, Nairobi

FEBRUARY 2014 — DECEMBER 2017

## KCPE, Nairobi Primary School, Nairobi

JANUARY 2005 — NOVEMBER 2013

## Online Courses

**MySQL, Self-taught**

**Dart-Flutter, Self-taught**

**Agile Methodology, IBM**

**Design thinking Practitioner, IBM**

JANUARY 2022 — FEBRUARY 2022

## Hackathons

### PLP Africa Power Hacks – [link](#)

Participated and became 2<sup>nd</sup> Runners up at a hackathon by PLPAfrica.

The theme was #powerhacks where we were supposed to think of an existing problem on the fly and build a solution using computing.

- Built a full mobile app using flutter for an agro-tech idea we named Shamba Fresh where we help farmers know the best crops to farm depending on their types of soil (using soil science) and the weather.
- Leveraged AI using a chatbot API that can give farmers real-time solutions to any problems they might have.
- became 2<sup>nd</sup> Runners up seniors against 19 other teams.

### DECENTRALAND METAVERSE HACKATHON – [click here](#)

Participated in the Metaverse Hackathon by Decentraland, a 72-hour event where I led a team of five developers to design and build a multiplayer game in the metaverse.

- Developed games using TypeScript, and the Decentraland SDK
- Designed interactive wearables for users and created 3D models using Blender.
- Implemented a real-time communication system to enable multiplayer gameplay using WebSocket.
- Overcoming technical challenges to deliver a smooth and responsive experience.
- Our team's game won the award for Best Use of Decentraland's SDK and is being featured on Decentraland's official website.

### PLP Africa Water Day hackathon

- Participated and won the water day hackathon which was a 5 day virtual hackathon across different participants in Africa.  
Built a mobile app using flutter for our project named WabaYetu(our

water), where we help people identify safe water drinking areas and water treatment spots within a region.

- I built a website for the project with information about our work and a link to our app.
- My team won the best idea overall and the best mobile project in the hackathon.

## Projects

Kindly visit my portfolio at <https://davidmbugua.netlify.app/> to view my projects.

## Community

- ReactDevsKe
- Google Developers Group Nairobi
- NodeJS Nairobi
- Young founders' space

## Volunteering

### **Divisional Superintended - St. John Ambulance.**

I am a first Aid instructor and Drill trainer, training St. John Cadets in high school.

I have trained teams that managed to win the national first aid and drill competitions thrice since 2017.

### **Education Support Volunteer – Ubunifu College.**

Taught HTML, CSS, Vanilla JavaScript and firebase to students at Ubunifu College in Nairobi.

Completed 80+ hours of teaching and enabled an increase in their academic score.