David Mbugua

SOFTWARE ENGINEER

Experienced software developer with a Full-Stack Software Development certificate from Ubunifu College of AI. Skilled in full-stack development, UI design, and mobile app development.

Employment History

Software developer at Selluh Tech Insurance, Nairobi

JANUARY 2021 — MARCH 2023

Insurance-Tech early-stage Startup in Nairobi.

- Developed user-facing mobile applications for Android and iOS platforms using Flutter.
- Built and maintained web applications using ReactJS.
- Debugged and fixed issues in development, testing, and production.
- Contributed to software design for features and bug fixes.
- Wrote clean, modular, and maintainable code while following best practices and coding standards.
- Ensured cross-browser compatibility and accessibility of web and mobile applications.
- Optimized web and mobile applications for maximum speed and scalability.
- Validated user input before submitting to the back end.

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

SKILLS

- Experience in developing user-facing products
- Experience in full-stack development
- Problem-solving and decision-making skills
- Ability to work with new technology
- Collaboration and people management skills

Education

Full Stack Software Development, Ubunifu College, Nairobi

AUG 2020 — MAY 2021

Ubunifu College of AI (Full Stack Software Development)

- Developed skills in front-end development using HTML, CSS, JavaScript, Figma, and React JS.
- Developed skills in back-end development using Firebase, Node JS, Express, MongoDB, SQL and Python.

Details

WEBSITE:
davidmbugua.netlify.app

Nairobi, Kenya
+254 790 362962
davidnginyo11@gmail.com

LinkedIn (click these}
GitHub
Medium

LANGUAGES

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

TECHNOLOGIES

React JS | Next JS| Vue | Node JS | Flutter| React Native Firebase| MongoDB| Bootstrap| Git | Rest APIs | Figma| Jest | Pixi JS

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

KCSE, Highway Secondary, Nairobi

FEBRUARY 2014 — DECEMBER 2017

KCPE, The Nairobi Primary School, Nairobi

JANUARY 2005 — NOVEMBER 2013

Self Taught Courses

MySQL, Self-taught

Dart-Flutter, Self-taught

Agile Methodology, IBM

Design thinking Practitioner, IBM

JANUARY 2022 — FEBRUARY 2022

Volunteering

Open-Source Developer at GitHub

JANUARY 2023 — PRESENT

I have worked and contributed on GitHub's official 'maintainer month' website. the website is built using react and I was working on adding accessibility features.

https://github.com/david-mbugua/maintainermonth

Open-Source Developer at React Devs Kenya

JANUARY 2023 — PRESENT

As a contributor to the React JS Community in Kenya, I have helped to enhance their website and learning resources repository. I have created and added courses, tutorials, and cheat sheets to the repository, providing valuable resources for fellow developers to improve their React JS skills. Through my contributions, I have been able to support the growth of the community and help others achieve their professional goals in web development.

HTTPS://GITHUB.COM/DAVID-MBUGUA/FANTASTIC-FRONTEND-REACT

Open-Source Developer at Eddie Hub

As a member of the Eddie Hub Community, I have been able to contribute to open-source projects and collaborate with developers worldwide. Through my contributions, I have been able to sharpen my skills in various domains such as web development. Working alongside other developers in the community has helped me to gain valuable experience in team collaboration and project management. I'm proud to be a part of this vibrant community that's making a real impact on the world of open-source software.

HTTPS://GITHUB.COM/EDDIEHUBCOMMUNITY

Education Support Volunteer – Ubunifu College.

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

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

Hackathons

PLP Africa Power Hacks – link

Participated and became 2nd Runners up at a hackathon by PLPAfrica.

The theme was #powerhacks where 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 2nd 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.

I am an active contributor to open-source projects, leveraging collaborative development to deliver innovative software solutions, demonstrate expertise in coding practices, and contribute to the open-source community.