David Mbugua

SOFTWARE ENGINEER

Experienced software Engineer & UI/UX designer with a Full-Stack Software Development certificate from Ubunifu College of AI. Skilled in full-stack development, UI/UX design, and mobile app development. Strong problem-solving and decision-making skills, with a collaborative approach to software development. Active contributor to open-source projects, leveraging collaborative development to deliver innovative software solutions and contribute to the open-source community.

Portfolio

davidmbugua.netlify.app

Employment History

Devops Engineer and Software Engineer at Bell and Cross Investment, Nairobi

MARCH 2023 — PRESENT

STARTUP IN NAIROBI

- Collaborate with cross-functional teams to develop and maintain software applications, leveraging technologies like MongoDB, Express, React, Tailwind, and Node.

- Implement CI/CD pipelines using Jenkins and GitLab CI/CD to automate build, test, and deployment processes.

- Monitor and optimize web and mobile applications for performance and scalability.

- Work closely with the development team to ensure seamless integration of new features.

- Responsible for setting up and maintaining monitoring tools to ensure system health and reliability.

Software Engineer & UI/UX designer at Selluh Tech Insurance, Nairobi

JUNE 2021 — MARCH 2023

- Developed user-facing mobile applications for Android and iOS platforms using **Java, Kotlin, React Native** and **Flutter**.

- Built and maintained web applications leveraging, **React**, **Node.js(express)** and **PostgreSQL / MongoDB**.

- Debugged and fixed issues in development, testing, and production.

- Created test plans and wrote unit and functional tests using **Jest** and **Mocha.**

- Contributed to software design for features and bug fixes.

- Integrating RESTful APIs into the React application.

Apple Solutions Consultant-Store Manager, Salute iWorld, Nairobi

OCTOBER 2019 — OCTOBER 2021

Details

Nairobi, Kenya
+254 790 362962
davidnginyo11@gmail.com
LinkedIn_(click these}
GitHub
Medium
Figma

LANGUAGES

JavaScript| TypeScript| Python C# |Java| Dart| HTML5| CSS| SQL

TECHNOLOGIES

React JS | Node JS | Vue.js React Native |Flask | Spring boot | PostgreSQL | Firebase MongoDB | AWS| Git

Rest APIs | Figma| Jest

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

IT Specialist and Graphics Designer, Salute Holdings LTD, Nairobi

AUGUST 2019 — SEPTEMBER 2020

SKILLS

- Experience in developing user-facing products and full-stack development using **React**, **Express**, **MongoDB, Python-flask** and **Node.**

- Familiarity with PostgreSQL databases, AWS RDS, and web servers

- Strong knowledge of Databases – SQL (**PostgreSQL** and **MySQL**) and NoSQL (**MongoDB**).

- Can develop, implement and test APIs. (REST API and GraphQL)

- Strong understanding of web performance optimization techniques.

- Ability to understand and work with new technology quickly.

- Excellent collaboration and people management skills.

- Attention to detail and strong communication abilities.

EDUCATION

Full Stack Software Development, Ubunifu College, Nairobi

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.

Information Technology, Zetech University, Nairobi

KCSE, Highway Secondary, Nairobi

KCPE, The Nairobi Primary School, Nairobi

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 to 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 community developers has helped me 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

2nd Runners up, developed a mobile app for an agro-tech idea named Shamba Fresh using Flutter and leveraged AI with a chatbot API.

DECENTRALAND METAVERSE HACKATHON – click here

Led a team of developers to design and build a multiplayer game in the metaverse using TypeScript, Decentraland SDK, and WebSocket. Awarded for Best Use of Decentraland's SDK.

PLP Africa Water Day hackathon

Won the best idea overall and the best mobile project by building a mobile app named WabaYetu using Flutter.

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.