



# Michael Kahindi

SOFTWARE DEVELOPER

## Profile

Passionate and highly motivated software developer with a strong focus on web and mobile development, specializing in **HTML**, **CSS**, **JavaScript**, **PHP**, and **Flutter**. Skilled in building scalable and efficient web applications using **Laravel** and cross-platform mobile apps with **Flutter**, with expertise in version control systems and modern software development patterns

In addition, I bring hands-on experience in software design, testing, and maintenance, with a deep proficiency in various platforms, languages, and embedded systems. I stay ahead of the curve by leveraging the latest cutting-edge tools and development methodologies. I thrive in both independent projects and collaborative team settings, where I continuously apply my problem-solving skills to deliver high-quality software solutions.

## Projects

### Fans Arena

FEBRUARY 2023 — SEPTEMBER 2024

Developed a comprehensive **live sports streaming platform** enabling local sports teams to broadcast their matches to fans in real time. Leveraged a **Content Delivery Network (CDN)** to ensure scalable and cost-effective streaming for a large audience.

Engineered a **custom digital video switchboard** utilizing the **Agora Video SDK**, allowing seamless transitions between scenes during live broadcasts.

Implemented **Firebase** as the backend, integrating various **RESTful APIs** to enhance application reliability and performance. For the frontend, utilized **Flutter** to deliver a high-performance user experience across platforms, while **Node.js** and **TypeScript** were employed to write Firebase functions, providing serverless computing for optimal backend functionality.

This solution combines modern technologies and frameworks to deliver a robust, scalable, and efficient live-streaming experience.

### Dripa

JUNE 2024 — AUGUST 2024

Developed an innovative application for the transportation industry that enables passengers to search for and track vehicles in real time, while providing drivers with notifications for passenger pick-ups along their designated routes. This solution streamlines the process for both passengers and drivers, improving the overall efficiency of transportation services.

Utilized **Google Maps APIs** to facilitate accurate location tracking and route optimization, ensuring passengers can easily locate available vehicles and drivers can efficiently manage their routes.

The application was built with **Flutter** for a seamless cross-platform user experience, while the backend was powered by **Firebase** for real-time updates and reliable data storage. **Node.js** and **TypeScript** were used to develop Firebase functions, delivering scalable serverless computing to support core application logic.

This solution leverages modern technology to enhance transportation services by improving passenger-driver communication and optimizing route management, contributing to a more efficient and connected industry.

## Details

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NATIONALITY

Kenyan

DATE / PLACE OF BIRTH

27/12/2000

Ganze

## Links

[LinkedIn](#)

[Facebook](#)

[Instagram](#)

[GitHub](#)

## Skills

Ability to Work in a Team

Fast Learner

Critical Thinking Skills

Computer Skills

Programing

Electronics repair

## Languages

Swahili

English

## Portfolio website

SEPTEMBER 2023 – NOVEMBER 2024

Developed and deployed a personal portfolio website hosted on **GitHub Pages**, highlighting various projects and technical skills. The site features a clean, responsive design that is optimized for both desktop and mobile viewing.

Built using **HTML**, **CSS**, and **JavaScript**, the website provides a smooth and user-friendly interface. It includes project showcases, detailed case studies, and a blog section, all aimed at demonstrating expertise in web development and software engineering.

The website is version-controlled and deployed through **GitHub**, ensuring smooth updates and easy maintenance. It serves as a professional representation of my work, reflecting a strong focus on modern web technologies, design principles, and development best practices.

## Fans Arena website

JANUARY 2024 – APRIL 2024

Developed and deployed the **Fans Arena** website, an informative platform for showcasing the **Fans Arena** app, designed for sports enthusiasts. Hosted using **Firebase** for secure and scalable infrastructure, the website is live on a custom domain from **Namecheap**, ensuring a professional and seamless online presence.

The **Fans Arena** website features a dynamic and responsive design optimized for all devices, providing users with a snapshot of the app's features, real-time match updates, and fan engagement opportunities. Built with modern web technologies, the site ensures fast load times and a smooth user experience.

The website is powered by **Firebase** for backend services, including user authentication, real-time database, and hosting, ensuring data security and reliability. The integration of a custom domain via **Namecheap** enhances the website's accessibility and branding.

**Fans Arena** app allows users to watch live-streamed local matches, receive real-time updates, engage in fan discussions, and stay connected with their favorite sports. The app can be downloaded from:

- [Google Play Store](#) for Android devices
- [Apple App Store](#) for iOS devices

The **Fans Arena** website is a professional biography for the app, highlighting its core functionalities and where to download it, while demonstrating technical proficiency in web development and cloud hosting solutions.

website link: <https://fansarenakenya.site/>

## Education

### BSCS, Umma University, Kajiado

SEPTEMBER 2020 – AUGUST 2024

### C+, Lutsangani High School, Kilifi

FEBRUARY 2016 – NOVEMBER 2019