

Mathenge Brian Gachiri [Software Developer]

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WORK EXPERIENCE

Techvannah

Full Stack Developer (Laravel, NextJS)

Kahawa Sukari, Nairobi, Kenya

February 2025 - June 2025

- Led the architectural design and system planning for Sokapedia (<https://sokapedia.com>), a comprehensive sports knowledge platform.
- Designed and implemented a hybrid database structure using MongoDB and MySQL, with Redis for caching and MinIO for file storage.
- Developed backend APIs using Laravel, and built a custom Admin Dashboard with React and Inertia.js.
- Designed and developed the user-facing frontend using Next.js, including UI/UX design and full implementation.
- Deployed the application stack on a K3s (lightweight Kubernetes) cluster running on Ubuntu, and configured domain and DNS management through Cloudflare.

Kisokolab

Full Stack Developer

Contract-Remote

April 2024 - September 2024

- Converted figma designs to actual User Interfaces using React
- Worked on a table configurations feature in Reactjs and Vuejs (Separate Projects, Python Backends) (fleet.ke)
- Added interest payments trend across months in a Pay-As-You-Go system. The Backend Logic was implemented using Django/Python and the Charts were displayed on the Frontend system developed using Vue JS. (Sunsport Energy)
- Development of a Web Interface to help a Construction organization record daily, weekly and monthly site reports and track materials and equipment usage across different sites. The Frontend was built using Vue Js and the backend is built using NodeJs (Adonis JS).

Zerotech Agency

Backend Developer

Contract-Remote

November 2023 - September 2024

- Wrote tests for different features using Pytest Library for Python testing.
- Integrated different parts of the in-house Django system with Algolia search.
- Integrated facial recognition into user profile verification.
- Managed AWS deployment pipelines for our django backend code.
- Integrated multiple sign in and sign up options (Apple, Facebook, Google, Twitter and Biometrics)
- Documented APIs on postman and wrote feature documentations.

Gratitude India**Remote***Laravel Developer**September 2022 - February 2024*

- Worked with International Bulk SMS APIs to integrate SMS features in the ATS platform; providing the ability to send 5000+ SMS daily.
- Studied different accounts concepts in order to accurately build a payment reminder feature.
- Worked in a team to refactor old code, optimize queries, build new features.
- Optimized CV search functionalities by 60%.
- Converted new Jobs pages User interfaces from Figma Designs to code and implemented Backend logic for the pages as well.
- Created documentation for different features I added. They included screen recording videos, flowcharts, ER Diagrams and textual explanation of different feature parts.

Kwetuhub**Juja, Kenya***Software Developer / Course Director / Tutor**March 2021 - August 2022*

- Handled meetings with clients interested in working with the business. This was done mostly through calls and online messaging.
- Made graphic designs for social media, managed and posted ads on Facebook(meta). Used resources like Canva and Adobe Illustrator for designing.
- Taught Web and Mobile Development to different students using PHP/Laravel, Django/Python and Java for Android. Classes were onsite with person to person interaction.
- Maintained the business site (<https://kwetuhub.com>) and added features to it. These gave me experience handling different aspects of client perspectives while reinforcing the software development knowledge I have.

Muva Technologies**Juja, Kenya***Software Developer**June 2019 - February 2021*

- Developed in-house Android mobile Apps and Web Apps for different organizations using Java for Android, PHP/Laravel and Python/Django.
- Learnt to work in teams using Slack, Git for version control, Bitbucket & Github
- Pushed in-house projects to production through hosting on Digital Ocean with domain names from Namecheap. Equipped me with the skills to set up my own server from start to finish.

Freelance**Remote***Software Developer*

- Created online presence for different institutions through dynamic websites: [Reformation Hub](#), [Trinity Pastors College](#)
- Developed a fintech/ecommerce platform to enable users to buy products on loan and pay back in installments. Includes a Web Application and Android App. ([Gawa App](#))
- Designed wordpress sites:(<https://shekingdomwoman.wordpress.com/>)

EDUCATION

Multimedia University Of Kenya

BSC in Information technology

Rongai, Kajiado, Kenya

Completed March 2019, Graduated October 2019

- Awards: Second Class Honors, Upper Division

SKILLS & INTERESTS

Skills:

- FullStack Development using Laravel (Blade, Inertia, Livewire), Django (HTML)
- Backend Development using NodeJs
- Frontend Web Development using HTML, CSS, Javascript and Bootstrap, Tailwind CSS, React JS, Vue.js, NextJs
- Android Mobile Development with Java for Android
- Third Party Integrations (Payment - Mpesa, Paypal, Flutterwave, Beyonic, Stripe. SMS - Africa's Talking. Oauth - Google, Apple, Twitter, Facebook, Biometrics)
- System Hosting and Domain name setup (Digital Ocean, Cpanel, Cloudflare, AWS, Linux Server).
- Containerization and Orchestration using Docker and Kubernetes
- Experience managing aws code pipelines, ec2 instances and ELBs
- Social Media Management, Facebook and Instagram Ads Management
- Basic Graphic designing using Canva