

Brian Munene

Software Engineer

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Professional Summary

Results-driven **Software Engineer** specializing in **Frontend web application development**, with expertise in **React, Next.js and JavaScript backend technologies**. Adept at building scalable, high-performance applications that prioritize **user experience, security, and efficiency**. Passionate about leveraging technology to solve real-world problems and drive digital transformation. Experienced in **project leadership, cross-functional collaboration, and mentoring younger developers**.

Skills

- **Frontend Development:** JavaScript (Advanced), TypeScript, React, Next.js, Tailwind CSS, Material UI
- **Backend Development:** Express.js, MongoDB, SQL, PostgreSQL
- **Content Management:** WordPress, Wix
- **Tools & Platforms:** Git, Firebase, Jira, Bitbucket, Linear, Slack, Visual Studio Code.
- **Additional Expertise:** SEO Optimization, Data Analysis & Visualization, Leadership & Team Management
- **Accessibility and Optimization:** WCAG 2.1, SEO, Performance Tuning, Mobile Responsiveness

Professional Experience

Frontend Developer (Part Time)

Hope Chain Medical

- Built a fully responsive Telemedicine Healthcare NGO website using **Next.js, React, and Tailwind CSS**.
- Ensured **WCAG 2.1 accessibility compliance** and mobile responsiveness for health-inclusivity.
- Integrated sections for mission, services, visual media, collaborators, contact forms, and downloadable resources.
- Worked collaboratively with non-technical team members and designers to align with brand identity.
- Hosted the website optimized for performance and fast load speeds.

Frontend Developer (Freelance)

Damean Consulting — January 2025 to Present

- Led the design and development of Damean Website, a **financial advisory web platform** built with **Wordpress**

Solace Project

- Developed website for the Solace NGO, a community-driven website using **React, Next.js, and Tailwind CSS**.
- Built **interactive UI components** for project showcases, and volunteer coordination.
- Provided CMS integration using **WordPress** for non-technical content updates.
- Conducted **usability testing**, improving engagement and accessibility by 30%.
- Ensured **WCAG 2.1 accessibility compliance** and mobile responsiveness for health-inclusivity.

Accounting Firm Project

- Developed **LogOf Consult** website
- Implemented **Next.js** a **high-performance, SEO-optimized** web experience.

Mornington Hotel Website

- Designed an engaging, branded landing page for a hotel lifestyle brand.
- Delivered responsive design, animations, and optimized assets for speed and SEO

Fynova Company Website

- Corporate web platform highlighting financial products.
- Applied static generation for speed and SEO.

Software Developer

Milkyway Corporation — April 2024 to August 2024

- Contributed to build a **housing solution web application**, streamlining **property listings and rental** processes.
- Developed a **fully responsive** front-end interface using **React and Tailwind CSS**.
- Enhanced **UX design**, increasing customer satisfaction ratings by 25%.

Project Manager / Frontend Developer

MUTCU Org — April 2024 to Present

- Spearheaded the development of a **mobile application** for the **MUT Christian Union**.
- Integrated **real-time notifications** and user management features.
- Led a team as the Project manager the project
- I created dashboards for the platform using **React, Next.js, and Tailwind CSS**.

IT Support Assistant (Volunteer)

Murang'a University of Technology ICT Department — Jan 2024 – April 2024

- Provided **technical support**, troubleshooting **hardware and software** issues with a **90% resolution rate**.
- Designed internal **support documentation**, improving issue resolution efficiency by 25%.

Education

Murang'a University of Technology

BSc. Software Engineering (Information Technology) — August 2021 to August 2025

- Relevant Coursework: Advanced Web Development, Data Structures & Algorithms, Database Management, Software Testing

Infolaunch Africa

Project Management — September 2024 to December 2024

- Relevant Coursework: Agile Project Management, Team Leadership, Communication Management, Risk Management

Certifications

- **Certificate in Data Science** — Cisco Academy
- **Certificate in Operating Systems** — Cisco Academy
- **Certificate in Project Management** — Infolaunch Africa
- **Certificate in Data Analysis & Visualization** — Strathmore University

Objective

To contribute my web development expertise to the Africa-FINGERS project by delivering a clean, accessible, mobile-optimized, and information-rich landing page that reflects the mission of BMI and AKU. I'm eager to collaborate across teams to translate impactful research into engaging digital experiences.