

# MURITHI BRIAN

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## EDUCATION

### Kirinyaga University

B.S. in Computer Science

Kutus, Kenya

August 2018 - October 2022

- o **Concentrations:** Software Engineering
- o **GPA:** 69/100, Second class honors upper division
- o **Related Coursework:** Data Structures & Algorithms, Objects & Design, Computer Organization & Programming, Combinatorics, Machine Learning, Artificial Intelligence, Object-Oriented Programming, Statistics & Applications

### Alx Africa

Cert. Software Engineering

Virtual

May 2022 - June 2023

- o **Concentrations:** Full stack Development
- o **Related Coursework:** Modern JavaScript, Python, Advanced MySQL, Pagination, Caching, i18n, Queuing system in JS, Authentication, React.js, Typescript, React Redux, Whiteboarding, Collaboration, Time management & Technical writing.

## EXPERIENCE

### Enovise Group

Software Engineer,

Nairobi, Kenya

September 2024 – Present

- Designed and developed the Velociraptor API for ThreatSeal using Python, Flask, and modern cloud technologies, delivering robust, scalable backend services to power advanced security and threat analysis solutions.
- Successfully contributed to the development of the Sigma Broadcast project, achieving robust threat detection and alerting capabilities using a Java-based backend, with supporting technologies including Spring Boot, Maven, and related security frameworks.
- Revamped an existing website by upgrading packages, implementing a modern UI with new components and advanced graph visualizations, utilizing React and TypeScript to enhance user experience and maintainability.

### AARA Gym Finder

Mobile app developer

Remote, Fiverr

June 2024 – April 2025

- Successfully designed and implemented a full-stack application using React Native (Expo) for the client and Node.js (Express) for the backend, enabling seamless real-time communication and robust authentication features.
- Integrated cloud services such as Google Cloud Storage and Firebase, and implemented secure RESTful APIs with JWT authentication, PostgreSQL database management, and scalable push notification systems.
- Collaborated on a modular, well-tested codebase utilizing TypeScript, Jest, and modern libraries (e.g., React Navigation, Socket.IO, Axios), resulting in a performant and maintainable cross-platform mobile and web solution.

### Village Hopecore International

System Support Volunteer & System Support Engineer

Chogoria, Kenya

Oct 2022 – Sep 2024

- Provided expert technical support for the MEAPPS Loan System, ensuring seamless operation and prompt issue resolution.
- Updated Loan Management System to React version 18, enhancing stability and reliability.
- Implemented efficient React query fetching techniques and pagination to boost system performance.
- Supported the ICT team, youth program, and program development at Village HopeCore International in Chogoria, Kenya.
- Assisted in Data Collection on CommCare and created graphics designs using the Canva tool.

## PROJECTS

### Jenga Events

Solo Developer

Feb 2025 – Present

- As the sole developer and also a DJ in tech, I conceptualized and am building an innovative platform to empower events service providers by safeguarding their deals and facilitating job opportunities, utilizing a modern tech stack including React.js, TypeScript, Node.js & PostgreSQL, driven by my firsthand industry experience.

## ACTIVITIES AND LEADERSHIP

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### Nairobi hub Team Lead

ALX Africa

Sep 2022 – June 2023

- Led a team of learners in Nairobi, fostering collaboration and problem-solving in software development.

### Computer Society of Kirinyaga

Kirinyaga University

Web Development Representative

Aug 2020 – Nov 2021

- Spearheaded web development initiatives, organizing workshops on front-end and back-end technologies.

### Technical Skills Instructor

Village Hopecore International

Teaching at the Youth Center hub

Feb 2023 – Aug 2024

- Trained underserved youth in computer literacy and technical skills while coordinating outreach programs to recruit and empower participants.

## SKILLS

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**Programming:** Java, Python, JavaScript/ Typescript(Node.js, React.js,), HTML/CSS, SQL(Postgres, MySQL), Redux, React Native

**Tools:** Android Studio, IntelliJ, PyCharm, Eclipse, Git, Material UI, Tailwind, Spring Boot, Agile