

BRIAN NZUKI

Email: bnzuki4@gmail.com | Phone: 0713808022

Professional Summary

Motivated and aspiring software developer with a strong foundation in programming, web development, and computer systems. Demonstrates quick learning, a growth mindset, and passion for building user-focused, responsive applications. Skilled in the MERN stack, Python scripting, and basic electronics. Dedicated to continuous learning and innovation with keen interest in practical tech solutions such as AI interpreters and web automation tools.

Education

Diploma in Software Design & Programming
Borabu Technical Training Institute
September 2023 – Present

KCSE Certificate
Dagoretti High School
Graduated: December 2022

Technical Skills

- Programming Languages: JavaScript, Python, Java, HTML5, CSS3
- Web Technologies: React.js, Node.js, Express.js, MongoDB, REST APIs, Postman
- Tools & Platforms: Git & GitHub, VS Code, Figma, Render, Netlify
- Design: Responsive UI/UX, CSS Flexbox & Grid, SCSS/SASS, Tailwind CSS
- Debugging & Testing: Console debugging, Postman API testing, Error resolution

Projects

- SafeHouse – Facility Management App

A modern web application for handling facility issues and ticket submissions

Tech Stack: HTML, CSS, PHP, JavaScript

Features: Ticket submission form, video background, mobile responsiveness, email notifications

Hosted on Render

- Bookstore Web App (Full Stack)

Built with MERN stack to manage books with CRUD operations

Tech Stack: React, Node.js, Express.js, MongoDB, Mongoose

Features: Route testing with Postman, SCSS styling

- AI Hand Tracker (SL Interpreter – WIP)

Real-time sign language interpreter using AI and computer vision

Tech Stack: Python, OpenCV, MediaPipe

Features: Hand gesture recognition and text output; frontend integration planned using MERN

Core Competencies

- Strong problem-solving and analytical skills
- Quick learner and self-driven
- Effective communication (verbal and written)
- Team player with ability to work independently
- Receptive to feedback and committed to improvement
- Passion for accessibility and social impact technology

References

Available upon request