

NZAMBU JOSEPH MUTHINI

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I am a certified Software engineer with a passion for developing innovative solutions that expedite the efficiency and effectiveness of organizational success. I'm Well-versed in technology and writing code to create systems that are reliable and user-friendly. Skilled leader who has the proven ability to motivate, educate, and manage a team of professionals to build software solutions and effectively track changes. A Confident communicator, strategic thinker, and innovative creator in developing a software solution that is customized to meet a company's organizational needs, highlight their core competencies, and further their success.

EXPERIENCE

MAY 2024-DECEMBER 2024

SOFTWARE ENGINEERING INTERN, TAQUANA LIMITED

Responsibilities: Took a large position in building the currently live application Nganya App used to manage public transport vehicles in Kenya, from building the UI and UX to implementing its code, and training users to adapt the system.

JANUARY 2025-PRESENT

DIGISKOOL STEM INSTRUCTOR, DIGISKOOL STEM

Responsibilities: Since January 2025, I have been working at **DigiSkool STEM** as a STEM Instructor, teaching learners aged 4–17 in **coding and robotics, programming, game development, and software development**. My role involves designing and delivering engaging, age-appropriate lessons that combine theory with hands-on projects, covering tools and languages such as **Arduino, Scratch, Python, JavaScript, and Flutter**. I guide students in building functional prototypes, interactive games, and mobile/web applications, while fostering problem-solving, creativity, and teamwork. I also adapt content to different learning paces, ensuring each student grasps core concepts and develops confidence in applying technology to real-world challenges.

EDUCATION

JANUARY, 2016 – NOVEMBER, 2019

KCSE, NDALANI SECONDARY SCHOOL

Completed my high school education at Ndalani secondary school where I scored a B

AUGUST 2020 – AUGUST 2024

BACHELOR'S DEGREE IN SOFTWARE ENGINEERING,

UNIVERSITY OF EASTERN AFRICA BARATON

Completed my degree in bachelor of science in software engineering, where I graduated with a second-class upper division with a cumulative GPA of 3.31 on a scale of 4.00.

SKILLS

Well-versed in software tools including HTML, Flutter, CSS, SQL, Firebase, `vue.js`, LINUX admin and Python, among others. -Skilled at troubleshooting both hardware and software issues. Confident problem-solving abilities to overcome glitches with creative solutions that are strategically designed to last long-term, **STEM Tools:** Microcontrollers, block-based coding platforms, simulation tools, **Robotics:**

Hardware integration, sensor programming, servo/motor control

-Strong communication skills and the ability to listen carefully to user feedback to determine modification for optimal user-function. Able to cope well and come up with relevant solutions. Ability to learn and master new technology faster.

REFEREES

NAME	PHONE	EMAIL	TITLE
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