

JOYCE MUTATI

Software developer

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Nationality: Kenyan

Gender: Female

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Date of birth: 25th December 2002

GitHub: <https://github.com/Joyce3924>

Profile

Results-driven and highly skilled Computer Science professional seeking job opportunity to leverage my expertise in programming, networking and software development. Adept at working independently or as part of a team, I excel in high-pressure environments and consistently deliver exceptional results. My strong technical background, combined with excellent problem-solving, analytical, and communication skills, make me a valuable asset to any organization. Expert in the following programming languages; Python , php , Javascript , Tailwind CSS and Laravel framework.

Education

Bachelor of Science in Computer Science , Dedan Kimathi University of Technology <i>second class honors (upper division)</i>	10/2021 – 12/2024 Nyeri, Kenya
Kenya Certificate of Secondary Education (K.C.S.E) , Kyondoni Girls' High School B+ (Overall grade)	01/2017 – 11/2020 Kitui, Kenya
Kenya Certificate of Primary Education (K.C.P.E) , Kiliku Primary School 315 marks (overall marks)	01/2008 – 11/2016 Kitui , Kenya

Professional Experience

Undergraduate Research, MAMA web application <i>Created a maternal web application using React js. The application allows nurses to monitor expectant mothers who are using a mama mobile application which is linked to this web application and they are able to send them trimester-based meal recommendations, they can see and respond to emergencies reported by the expectant mothers and also schedule antenatal clinics with the expectant mothers.</i> <i>Technologies: Javascript, React js, CSS</i> <i>Key Accomplishments: Implemented maternal based web application for nurses</i>	02/2024 – 08/2024 Nyeri, Kenya
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Attachment , Quest Website Developers LTD, Kenya	08/2024 – 11/2024
<ul style="list-style-type: none">• Develop responsive user interfaces with React.js and Tailwind CSS.• Convert design mockups into functional, user-focused components.• Support MySQL database design, development, and query management.• Collaborate with developers for smooth version control.	

- Manage code repositories using Git.
- Document code changes for clear team communication.
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Skills

Programming



Proficient in Python, PHP, JavaScript, and C programming languages

Web application development



Proficient in web application development(Html, CSS, Tailwind CSS, PHP , Reac and JavaScript, Laravel)

Projects

MAMA Web Application

Created a maternal web application using React js. The application allows nurses to monitor expectant mothers who are using a mama mobile application which is linked to this web application and they are able to send them trimester-based meal recommendations, they can see and respond to emergencies reported by the expectant mothers and also schedule antenatal clinics with the expectant mothers.

Technologies: Javascript, React js, CSS

Key Accomplishments: Implemented maternal based web application for nurses

Weather Web Application

Developed a weather application website using HTML,CSS AND Javascript. The application facilitated users to be able to view the weather conditions in their current demographic location and also they can view that of other locations.

Technologies: HTML, CSS, Javascript.

Key Accomplishments: Streamlined how users can view weather information of various demographics.

Game development

Developed a game using Java. The game featured interactive gameplay, graphics, and user-friendly controls.

Technologies: Java, Game Development

Key Accomplishments: Designed and implemented game mechanics, graphics rendering, and user input handling.

References

MR. Michael Kagiri, Project supervisor at Dedan Kimathi University of Technology, Cell +254 715998222, e-mail: michael.kagiri@dkut.ac.ke

DR. George Musumba, Dean, School Computer Science and IT , Cell: +254 796180811, E-mail: george.musumba@dkut.ac.ke

Mr. Matei,Dean of Studies , Kyondoni Girls' High School, P.O Box 78 – 90205, Cell: 0726684993