

Ryan Mugo Gathari

JOB TITLE: Full Stack Web Developer

About:

I am a dedicated Full Stack Web Developer with a thrive at the intersection of creativity and functionality leveraging a robust skill set in HTML, CSS, JavaScript, TypeScript, React, Node.js, MongoDB, Express and Playwright test toolkit. Being passionate in crafting seamless and dynamic web experiences, I bring a wealth of expertise in frontend and backend technologies, utilizing React to build innovative User Interfaces while ensuring robust server-side functionality with Node.js and Express. My proficiency in MongoDB empowers me to create efficient and scalable database solutions.

Also, my adaptability in usage of the Playwright test toolkit from Microsoft enables me to thoroughly ensure application reliability and performance.

I am motivated by an unending thirst for learning and innovation, constantly seeking to push the boundaries of what's possible in web development to deliver impactful, high-quality solutions.

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EXPERIENCE

Full Stack Web Developer

Project Name: Emba Enterprises.

Website Link: <https://mern-estate-kcla.onrender.com>

Github link: <https://github.com/Ryanmugo/Emba-Enterprises>

Description:

Developed a dynamic real estate platform employing advanced authentication techniques using JWT(Json Website Token), Firebase and Google OAuth for secure user access. Created seamless CRUD (Create, Read, Update and Delete) operations via MongoDB, empowering users to manage property listings effectively. Implemented user-friendly features, including image uploads and intuitive property listing management, enhancing overall user experience. Introduced cutting-edge search functionalities to enable users to easily find desired properties.

Key Achievements:

- Successfully implemented secure authentication using Firebase and JWT for enhanced user security.
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- Developed a robust CRUD system for property listings, optimizing data management.
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- Enhanced user engagement and experience through intuitive features like image uploads and efficient property listing management.
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- Implemented advanced search functionalities, elevating the platform's usability.

Technologies Used:

Frontend: React, Redux.

CSS Frameworks: Tailwind CSS.

SKILLS

Frontend: HTML, CSS, JavaScript, Typescript and React.

CSS Frameworks: Tailwind CSS.

Backend : Express, Node.js.

Database: MongoDB.

Authentication: Firebase, JWT, Google OAuth

Testing: Playwright test toolkit from Microsoft.

Version Control: Git

Additional Skills: UI/UX Design Principles, Responsive Web Design, Problem Solving, Continuous Learning.

LANGUAGES

1.English

2.Spanish

3.Swahili

Backend: Node.js, Express.

Database: MongoDB.

Authentication: Firebase, JWT, Google OAuth

Outcome:

Created a feature-rich real estate platform ensuring secure access, seamless interactions, and advanced search capabilities, demonstrating skills in full-stack development and user-centric design.

Project Name: MaishaLondon

Website Link: <https://maishalondon.onrender.com>

Github link:

<https://github.com/Ryanmugo/mern-hotel-bookingApp>

Description:

Developed a comprehensive hotel booking platform that empowers users to seamlessly search, book, and manage their hotel stays. The platform boasts a robust backend powered by Node.js, Express and MongoDB, complemented by a user-friendly React frontend by Tailwind CSS.

Key Achievements:

- Successfully implemented secure user authentication and integrated Stripe for secure payment handling.
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- Created a dynamic and user-friendly interface, including features like image uploads and advanced search functionalities.
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- Managed state and data efficiently, enabling smooth hotel management and booking operations.
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- Utilized TypeScript for robust typing and efficient code maintenance.

Technologies Used:

Frontend: TypeScript, React and Tailwind CSS.

Backend: Node.js, Express.

Database: MongoDB.

Additional Tools: JWT, Stripe, Playwright, Cloudinary

Outcome:

Developed a robust and feature-rich hotel booking platform, showcasing proficiency in full-stack development, UI/UX design,

and employing a diverse range of technologies to deliver a seamless and secure user experience.

EDUCATION

FreeCodeCamp

August - December 2023

Coursework and Certifications:

Responsive Web Design Certification: Completed an intensive course focusing on responsive web design principles, covering topics such as flexible layouts, media queries, and responsive typography.

JavaScript Algorithms and Data Structures Certification: Acquired proficiency in fundamental algorithms and data structures using JavaScript, emphasizing problem-solving and manipulation of data structures.

Frontend Libraries Certification (React.js and Tailwind CSS):

Extensive coursework covering the utilization of React.js for building dynamic user interfaces and Tailwind CSS for efficient and responsive web design..