

Name: Derrick Mbarani

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Linkedin: [link to profile](#)

Github: [link to profile](#)

Portfolio: [website](#)

Versatile Full-stack developer with experience in Web development. Skilled in developing new user-facing features, optimizing applications for maximum speed and scalability, RESTful API's, collaborating with cross-functional teams and strong knowledge of UI/UX principles.

### **Education:**

- Bachelor's degree in Computer Science, Moi University (Feb 1st 2016 - Dec 26th 2021) - *specialized in web development with an introduction to Machine Learning*

### **Experience:**

Full-stack Developer at Triplex Data Hub - Freelance (May 1st 2023 - Present)

- Designed and implemented APIs for data collection
- Developed a noSQL database to manage unstructured data
- Created a scheduler for automated workloads
- Conducted UI/API integration for dynamic web pages
- Integration and fine-tuning of ChatGPT API model
- Designed and integrated chat functionality with socket.io

Full-stack Web Developer at Fundle - SBBS (Jan 1st 2022 – May 30th 2022)

- Increased development speed by 25% through reusable code
- Optimized applications for maximum speed, scalability, and SEO performance
- Collaborated closely with designers and developers to implement pixel-perfect design mock-ups
- Integrated RESTful APIs into Nuxt applications
- Provided feedback on UI/UX designs to save development time
- Debugged and troubleshooted issues, ensuring minimal website downtime
- Deployed microservices and full-stack applications on AWS Amplify

## Skills

- Javascript with ES6 and its frameworks (Vue.js, Nuxt, Node with Express, JQuery).
- Strong proficiency in HTML5 and CSS3 (TailwindCSS), responsive design, RESTful APIs with Node and Python (Flask), and Git version control.
- Excellent knowledge of UI/UX principles and experience in collaborating with designers to implement design mock-ups using Figma and Inkscape.
- Strong debugging skills to troubleshoot issues and optimize the application's performance.
- Proficient in relational and non-relational databases i.e MySQL, SQL and MongoDB.
- Proficiency with Frontend state management technologies e.g Vuex, Pinia.
- Proficiency with version control i.e., Git and Github.
- Familiarity with [domain driven design](#)
- Familiarity with containerization technologies i.e Docker and cloud hosting platforms AWS Amplify, Netlify, Vercel.
- Proficient testing skills (Unit and Component testing with Jest, Vitest).
- Excellent communication skills to collaborate with cross-functional teams and to provide constructive feedback during code reviews.

## Certifications

- [Android Development](#)
- [Mobile Web Specialist](#)
- [Responsive Web Design](#)
- [Backend Development and APIs](#)
- [Graphic Design Workshop](#)

*References available upon request.*

