Name: Derrick Mbarani
Email: derrickmbarani@gmail.com
Linkedin: link to profile
Github: link to profile
Portfolio: website
Blogs: link to Hashnode,   link to my custom made data blog

Fullstack front-end heavy web developer with 2 years experience, skilled in developing and maintaining user-facing features, optimizing applications for maximum speed and scalability 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 Treplex Data Hub - Part-time (July 1st 2023 - Present) - *data consulting & education*

- Derived technical requirements and implemented web interface & APIs for data collection enabling implementation of Sentiment Analysis Machine Learning models with over 90% accuracy.
- Provisioned a noSQL database to manage unstructured data reducing data ingestion complexities.
- Created a scheduler for automated workloads increasing data delivery efficiency, data relevance and shifting developer focus, saving more than 6 hours of developers time each week.

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

- Collaborated closely with designers and developers to implement professional pixel-perfect design mock-ups inspiring investor confidence.
- Utilized AWS Amplify to host server-side Nuxt website to utilize free AWS startup credits ensuring frugality in utilization of business resources.
- Collaboratively derived requirements and implemented a secure, reliable e-wallet API from scratch under 3 months.

Extracurricular activities

- Lead and newsletter author at Vuejs Kenya community, 20th Sep 2023 - present
  - I write visually appealing newsletters for the Vuejs Kenya community.
- Open Source Contribution at Ivy, Sep - Oct, 2023
  - Refactoring device module to follow newly adopted Array API standards (merged pull request)
- UI/UX Hackathon, May 2023 - *4th place* (*link to certification*, *link to design*)
  - Redesigned Kenya's Ministry of Health Website to better showcase initiatives and services to citizens for better service delivery.
- Mozilla Machine Learning Competition, Mar 2023 - *2nd place*
  - Trained Kiswahili Corpus Model to propel AI language inclusivity.
- One Health Hackathon, July 2020 - *2nd place* (*link to certification*)
  - Delivered a prototype of an emergency response platform for epidemics in ~2 weeks, allowing my team to better demonstrate the value proposition for the idea (*"don't tell; show"*).

Skills

- Programming Languages: JavaScript (ES6), Typescript, Python, Android/Kotlin
- JavaScript Frameworks: Vue.js, Nuxt, VitePress, Node.js (Express), JQuery
- Beautiful & responsive design with CSS, TailwindCSS
- UI/UX Principles
- Design Collaboration with: Figma
- Frontend State Management for scalability with: Vuex, Pinia
- Testing: Unit and Component Testing (Jest, Vitest)
- RESTful API development & integration with: Node, Python (Flask)
- Relational & Non-relational databases: MySQL, SQL, Postgresql, MongoDB
- Team collaboration with Git & Github

Certifications

- Mobile Web Specialist
- Responsive Web Design
- Backend Development and APIs
- Android Development

References available upon request.