



CONTACT

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LINKS

📁 portfolio
🐙 github

SKILLS

JavaScript
Python
ReactJs
ExpressJS
MongoDB
Git
Teamwork
Leadership

EDUCATION

BSC. Microbiology and Biotechnology
The University of Nairobi
2014 - 2018
Software engineering
Alx_Africa

JAMES MBERE

Software Developer

About me

I am a dedicated Software Developer with a robust skill set in design and problem-solving. My expertise includes HTML, CSS, JavaScript, React, Python, NodeJS/ExpressJS, MongoDB, and version control with Git & GitHub. I am passionate about translating business requirements into technical solutions and have a track record of launching successful projects.

Work experience

Software Developer

Feb 2022 - May 2023

Graduate Trainee | Alx_Africa

- Material-UI React Admin Dashboard Project: Developed the Discover Admin Dashboard for streamlined data management, page customization, and insightful analytics. Project URL: [Admin Dashboard](#)
- MERN Data analytics Project: Created a comprehensive MERN data app using NodeJS, ExpressJS, TypeScript and MongoDB, for efficient data management and insightful analytics: [Data analytics](#)
- MERN Food Delivery App: Built a food delivery application using MongoDB, ExpressJS, React, and NodeJS. Project URL: [Food Delivery App](#)
- MERN E-Commerce App: Developed a full-stack e-commerce application using the MERN stack. Project URL: [E-Commerce App](#)
- Jobs API: Created a backend API for job listings, user authentication and swagger UI documentation for easy API interaction. Project URL: [Jobs API](#)

Skills: Software Development, MERN, SQL, Material-UI, Swagger-UI

Trainer/Instructor

Feb 2020 - May 2022

3D and 2D AI Data | Remotasks Kenya

Enhanced Trainee Productivity and Quality of Work By implementing structured training programs, setting clear performance goals, and providing continuous feedback, trainees' productivity and quality of work were significantly improved. This included:

- Structured Training Programs: Developed comprehensive training modules that ensured trainees acquired the necessary skills and knowledge efficiently.
- Performance Tracking: Utilized performance metrics to assess trainee progress and identify areas for improvement regularly.
- Mentorship and Support: Established a mentorship system where experienced employees guided trainees, offering advice and best practices to enhance their learning experience.
- Feedback Mechanisms: Implemented a robust feedback system where trainees received constructive feedback on their work, helping them to improve and maintain high standards of quality continuously.

Skills: data management, documentation

Internship

Oct 2017 - Dec 2017

Biotechnology | Kenya Medical Research Institute

Performed DNA Extraction Methods and PCR-Based Techniques

- Extraction Protocols: Implemented various DNA extraction protocols, such as phenol-chloroform extraction, silica column-based methods, and magnetic bead-based methods, to isolate high-quality DNA.
- PCR Amplification: Performed various types of PCR, including standard PCR, quantitative PCR (qPCR), and reverse transcription PCR (RT-PCR), to amplify and quantify DNA and RNA sequences.

Skills: DNA Extraction Techniques, PCR Techniques