James Mokua

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WORK EXPERIENCE

M-Builds
Lead Software Engineer   Jan 2022 - Present

- Led a cross-functional team of software engineers, UX designers and product managers to develop a new software product from concept to launch, resulting in a 15% increase in revenue
- Developed and maintained an internal library of reusable code components that reduced development time by 25%
- Successfully completed several high-profile software projects, including a customer portal that increased customer engagement by 40% and an inventory management system that reduced inventory errors by 30%

Arklight International
Software Engineer   April 2022 - Feb 2023

- Spearheaded implementation of watertight Principle of Least Authority across 100% of software engineering and associated team members.
- Manually tested sites in various browsers and mobile devices to ensure cross-browser compatibility and responsiveness while 28% faster load time than industry average
- Build distributed storage, index, and query systems that are scalable, fault-tolerant, low cost, and easy to manage/use.

Meliora Technologies Limited
Software Engineer   Sep 2022 - Dec 2022

- Developed and implemented a new data analytics platform that allowed the company to analyze and visualize large volumes of data in real-time, resulting in a 25% increase in data analysis efficiency and a 20% reduction in errors.
- Worked with the product management team to design and develop a new customer relationship management (CRM) system that integrated with the company's existing software tools and allowed the sales team to better track and manage customer interactions. This resulted in a 15% increase in customer satisfaction and a 10% increase in sales revenue.
- Led a team of developers to design and implement a new mobile app for the company's flagship product, resulting in a 30% increase in user engagement and a 25% increase in revenue from mobile sales.

EDUCATION

Harvard University
Certificate Computer Science   Jan 2020 - Dec 2020

Jomo Kenyatta University of Agriculture and Technology
BSc Business Information Technology

SKILLS

Programming Languages:	React JS, Next JS, Java, Python, JavaScript, TypeScript, SQL, Three JS
Soft Skills:	Project Management, Communication, Problem Solving, Collaboration
Languages:	English, Kiswahili

PROJECTS

SELF DRIVING CAR
A self-driving car simulation that implements neural networks and machine learning all in JavaScript.

TOPIC BOT
A GPT-3 powered bot that automatically sends tweets after a given amount of time based on a chosen topic.