Moses Areba

Contact Information

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Professional Summary

Highly skilled and motivated Software Engineer with a robust background in computer science and data science, specializing in developing innovative solutions and leading complex projects. Demonstrated expertise in software development, graphic design, and data analysis with a proven track record of successful project completions. Known for exceptional leadership, project management abilities, and a commitment to continuous learning. Seeking to leverage a diverse skill set in a challenging role within the software development industry in Kenya.

Education

Kenyatta University
BSc in Computer Science
2017 - 2021

Moringa School
Data Science Certification
2022 (6 months)

Professional Experience

Software Developer | Freelance

January 2022 - Present

- Developed and maintained web applications for various clients using JavaScript, Python, and React.
- Led a team of junior developers to successfully complete client projects on time and within budget.
- Designed and implemented RESTful APIs, enhancing system interoperability and scalability.
- Managed client relationships, ensuring high satisfaction and repeat business.

Key Projects:

- **Urban Drip Collection E-commerce Platform**: Developed a robust, user-friendly e-commerce platform, implemented advanced search and filter functionalities, integrated secure payment gateways, and streamlined the checkout process, boosting conversion rates by 15%.
- **Smart Health Monitoring System**: Developed a real-time health monitoring system using IoT devices and machine learning algorithms. Implemented data visualization dashboards to provide actionable insights into patient health metrics.
- **Automated Customer Support Chatbot**: Designed and developed a chatbot using Python and NLP techniques to automate customer support for an e-commerce platform. Integrated the chatbot with existing CRM systems, reducing response times and improving customer satisfaction by 20%.

Graphic Designer | Freelance

March 2020 - Present

- Designed logos, promotional materials, and UI/UX elements for various clients, including startups and established businesses.
- Utilized Adobe Creative Suite (Photoshop, Illustrator) to create visually appealing and brand-consistent graphics.
- Collaborated with marketing teams to develop engaging social media content, increasing brand visibility.

Technical Skills

Category	Skills
Programming Languages	JavaScript, Python, Java, HTML, CSS, SQL
Frameworks & Libraries	React, Node.js, Express.js, Django
Tools & Platforms	Git, Docker, AWS, Jenkins
Design Tools	Adobe Photoshop, Illustrator, Figma
Project Management	Agile, Scrum, Jira, Trello

Certifications

Certification	Issuing Organization	Date Issued
AWS Certified Solutions Architect	Amazon Web Services (AWS)	March 2023
Certified ScrumMaster (CSM)	Scrum Alliance	January 2023
Data Science Professional Certificate	Moringa School	August 2022
Full Stack Web Development Certificate	FreeCodeCamp	December 2021
Advanced JavaScript Programming	Coursera	October 2021

Leadership and Volunteer Experience

Tech Lead | Code for Good Initiative

July 2022 - Present

- Led a team of volunteers in developing software solutions for non-profit organizations.
- Organized coding workshops and mentorship programs, empowering over 100 aspiring developers with essential programming skills.

Volunteer Mentor | Moringa School

June 2021 - December 2022

- Provided mentorship to students in the Data Science program, offering guidance on projects, career advice, and technical support.

Languages

- **English**: Native
- **Swahili**: Native

Interests

- **Artificial Intelligence**: Passionate about exploring advancements in AI and machine learning.
- **Open Source Contribution**: Actively contribute to open source projects, enhancing community-driven software development.
- **Photography**: Enjoy capturing landscapes and urban scenes, blending creativity with technical skills.

Personal Achievements

- Awarded **Second Place** in County finals for Young Enterprise and **First Place** in local borough finals, developing a strong sense of professionalism and public speaking skills.

- Awarded the **NCS Diploma** for participating in a summer program after GCSEs, enhancing my capacity to deal with challenges independently.
- Named on the **Faculty of Science and Health Dean's List** for 2020-21, recognizing my position as one of the top students in my course.

Project Portfolio

Urban Drip Collection E-commerce Platform

- Developed a robust, user-friendly e-commerce platform for Urban Drip Collection, facilitating seamless shopping experiences for customers.
- Implemented advanced search and filter functionalities, improving user navigation and product discovery.
- Integrated secure payment gateways and streamlined the checkout process, boosting conversion rates by 15%.

Smart Health Monitoring System

- Developed a real-time health monitoring system using IoT devices and machine learning algorithms.
- Implemented data visualization dashboards to provide actionable insights into patient health metrics.
- Coordinated a team of 5 developers, ensuring project milestones were met and quality standards maintained.

Automated Customer Support Chatbot

- Designed and developed a chatbot using Python and NLP techniques to automate customer support for an e-commerce platform.
- Integrated the chatbot with existing CRM systems, reducing response times and improving customer satisfaction by 20%.

References available upon request.

ADDITIONALS:

My Agenda

- **Enhance Technical Expertise**: Continuously improve my skills in software development, data science, and graphic design to stay at the forefront of industry advancements.
- **Lead Innovative Projects**: Take on leadership roles in cutting-edge projects, driving innovation and excellence in the tech community.
- **Mentor and Educate**: Share my knowledge and experience with aspiring developers and designers through mentorship and community involvement.
- **Promote Sustainability**: Integrate sustainable practices in my work and advocate for eco-friendly solutions in technology.

Mission Statement

To develop innovative and user-centric software solutions that enhance everyday life, while fostering a collaborative and inclusive tech community that empowers individuals to achieve their full potential.

Vision

To be a leading force in the software development industry, recognized for creating impactful, sustainable, and cutting-edge technology solutions that transform lives and drive positive change globally.

My Favorite Quote

"The best way to predict the future is to invent it." – Alan Kay