MUTISO VICTOR KIAMBA

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PROFESSIONAL SUMMARY

Highly motivated software engineer professional with 3+ years of experience in software development, specializing in backend programming, database management, and AI/ML applications. Proficient in multiple programming languages and adept at solving complex technical problems through innovative, scalable solutions. Demonstrated success in working collaboratively with cross-functional teams and delivering projects on time and within budget.

TECHNICAL SKILLS

- \*\*Languages\*\*: Python, JavaScript, php, SQL, C++

- \*\*Web Development\*\*: HTML, CSS, Django, React, Node.js

- \*\*Database Management\*\*: MySQL, MongoDB

- \*\*AI/ML\*\*: TensorFlow, Scikit-Learn, Keras, OpenCV

- \*\*Tools\*\*: Git, Docker, JIRA, AWS, Google Cloud Platform, Jenkins

- \*\*Methodologies\*\*: Agile, Scrum, Test-Driven Development (TDD)

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### \*\*Professional Experience\*\*

\*\*Software Developer\*\*

[Company Name], [Location]

[Month, Year] – Present

- Developed and maintained backend services and APIs for high-traffic applications, resulting in a 30% improvement in response time.

- Collaborated with frontend developers and UI/UX designers to create seamless user experiences, reducing customer complaints by 20%.

- Led a team of three in implementing machine learning models that improved recommendation accuracy by 15%, leading to increased customer engagement.

- Optimized database queries and indexing strategies, which resulted in a 40% reduction in database response time.

- Conducted code reviews and implemented coding standards, reducing the bug count by 25% across the codebase.

\*\*Junior Software Engineer\*\*

[Company Name], [Location]

[Month, Year] – [Month, Year]

- Assisted in developing and deploying new features for e-commerce platforms, contributing to a 15% increase in user retention.

- Designed and implemented RESTful APIs, improving inter-service communication efficiency by 20%.

- Developed unit and integration tests, improving overall code coverage and reducing production issues by 18%.

- Participated in weekly Agile sprints, ensuring timely completion of development tasks and contributing to project goal alignment.

\*\*Software Engineering Intern\*\*

[Company Name], [Location]

[Month, Year] – [Month, Year]

- Supported the development of a web application for managing customer data, integrating secure login and data encryption features.

- Collaborated with the QA team to identify and resolve bugs, reducing issue turnaround time by 40%.

- Created technical documentation for new features and conducted training sessions for junior team members.

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### \*\*Education\*\*

\*\*Bachelor of Science in Computer Science\*\*

[University Name], [Location]

[Month, Year] – [Month, Year]

Relevant coursework: Data Structures and Algorithms, Operating Systems, Machine Learning, Database Systems, Software Engineering

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### \*\*Projects\*\*

\*\*Personalized Recommendation Engine\*\*

- Built a recommendation engine using collaborative filtering and content-based filtering techniques, achieving 85% accuracy in user predictions.

- Deployed using Django and React, with data hosted on a PostgreSQL database, integrating with a React frontend.

\*\*Sentiment Analysis Tool\*\*

- Developed a sentiment analysis tool for social media, utilizing NLP techniques in Python and TensorFlow.

- Achieved 90% accuracy on test data, aiding in the analysis of brand sentiment across online platforms.

\*\*Inventory Management System\*\*

- Designed a web-based inventory management application using Java and MySQL for a small business.

- Implemented real-time data tracking and automated inventory restocking alerts, reducing manual inventory work by 50%.

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### \*\*Certifications\*\*

- \*\*AWS Certified Solutions Architect\*\* (Month, Year)

- \*\*Certified ScrumMaster (CSM)\*\* (Month, Year)

- \*\*Google IT Automation with Python\*\* (Month, Year)

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### \*\*Professional Affiliations\*\*

- Member, Association for Computing Machinery (ACM)

- Member, IEEE Computer Society

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### \*\*Languages\*\*

- English (Fluent)

- Spanish (Conversational)

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### \*\*References\*\*

Available upon request.

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\*\*Tips for Customization\*\*:

- Tailor the \*\*Professional Summary\*\* to highlight your primary strengths and the specific job requirements.

- Emphasize \*\*projects\*\* and \*\*work experiences\*\* that are most relevant to the type of roles you’re targeting.

- List technical skills specific to your domain expertise, and ensure each skill has been used in a professional or project context.

- Update \*\*achievements\*\* with measurable impacts whenever possible, showing clear outcomes from your work.