

# BRIAN KIBET

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## PROFESSIONAL SUMMARY

As an accomplished and performance-oriented software engineer with over three years of experience, I am passionate about leveraging technology to solve complex challenges. Currently seeking a Software Development role to further apply my extensive technical expertise. My comprehensive technical proficiency, combined with a deep understanding of industry trends, has consistently translated into tangible business outcomes. I am eager to contribute to organizations that value technological innovation and are committed to exploring new frontiers. My technical acumen is matched by a dedication to delivering top-quality solutions. By integrating a strong technical skillset with a strategic business perspective, I ensure the development of solutions that not only meet and exceed organizational goals but also adhere to the highest quality standards. With a history of achieving successful results, I am well-equipped to add value to organizations that pursue excellence through advanced software development.

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## TECHNICAL EXPERIENCE

**Back-end Developer , HJFMRI, Kericho**

**Jan 2024 - Aug 2024**

### Key results

- Leveraged industry-standard tools to code, debug, and rigorously test python- based software, resolving technical errors and improving software stability. Reduced defects by 10% through effective debugging and testing methodologies.
- collaborated with internal teams to pinpoint and implement necessary feature enhancements, helping the team achieve a 7/10 rating for satisfaction and effectiveness in overall performance
- Developed and optimized SQL database components, including tables, stored procedures, and views, to enhance data management efficiency. Implemented performance tuning strategies that improved query response times by 5%
- Integrated CI/CD pipelines for continuous integration and delivery and resolved merge conflicts using GitHub.

### Key Responsibilities

- Collaborated cross-functionally with internal teams to effectively achieve shared goals and objectives
- Led the design and implementation of a full-stack architecture, ensuring the seamless integration of front-end and back-end components.
- Managed database solutions with SQLite3 and SQLAlchemy to ensure efficient and scalable data operations.
- Implemented CI/CD pipelines, automating testing, and deployment processes to enhance development workflows.

Key results

- Spearheaded the implementation of a centralized documentation system, resulting in a 40% reduction in project onboarding time and a 30% decrease in stakeholder inquiries about project details.
- Dispensed the management of comprehensive project development and architected back-end solutions, utilizing SQLite3 for database management and SQLAlchemy for ORM, improving data handling and efficiency by 15% and 60% increase in data volume without performance degradation.
- Initiated and led bi-weekly code review sessions, contributing to a 20% improvement in code quality and a 15% reduction in post-deployment bugs across all projects.
- Reduced average issue resolution time from 6 hours to 3 hours by implementing a streamlined debugging process, improving system uptime by 18% for critical applications.
- Developed and deployed an automated testing suite that increased test coverage from 75% to 90%, leading to a 35% reduction in post-release defects and a 20% improvement in overall software reliability.

Key Responsibilities

- Led the development and management of thorough programming and project documentation, enhancing clear communication across team members, clients, and stakeholders. This facilitated prompt access to precise information, supporting well-informed decision-making processes.
- Engaged actively in design and code reviews, promoting a collaborative atmosphere among cross-functional software engineers and stakeholders. Provided valuable insights, critiques, and recommendations to boost the overall quality and functionality of software initiatives.
- Demonstrated expertise in quickly identifying, analyzing, and resolving technical issues within the codebase, playing a key role in maintaining the reliability and smooth functioning of operation-critical software applications. Consistently upheld a proactive stance on preserving code integrity.
- Collaborated with quality assurance teams to devise and implement comprehensive testing methodologies, ensuring software dependability and compliance with project requirements.
- Engaged in continuous self-improvement by staying updated with industry trends and emerging Java technologies, incorporating newfound knowledge into daily development tasks.

SKILLS

Linux systems management	Architecture Design
Python (Flask, SQLAlchemy)	Express JS
JavaScript (React)	Mongo DB
Data Structure and Algorithms	Node JS
Databases	Teamwork

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## EDUCATION

### **Moringa School**

#### **Software Engineering**

Coursework: Operating Systems, Programming, Algorithms, Databases management, Digital communication.

### **Pan Africa Christian University**

#### **Bachelors**