

BRIAN KIBET

+254 707 528 221 • koskebrian@hotmail.com • Nairobi, Kenya

GitHub: <https://github.com/Kibetts> • LinkedIn: <https://www.linkedin.com/in/brian-koske-59953019b/>

PROFESSIONAL SUMMARY

Passionate and performance-oriented individual with close to two years of hands-on programming experience in object-oriented languages. Currently enhancing my professional profile by acquiring proficiency in a new language, already with strong fundamentals in computer science, data structures, and algorithms. Demonstrated expertise in solving complex problems through sound engineering principles and creative solutions. Seeking to contribute technical excellence and innovative thinking to your company's mission of empowering every person and organization to achieve more. Proven track record of collaborating with cross-functional teams, implementing CI/CD pipelines, and delivering scalable software solutions that drive measurable business outcomes.

TECHNICAL EXPERIENCE

Back-end Developer , HJFMRI, Kericho

Jan 2025 - June 2025

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 an 8/10 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%
- Established testing strategies (unit, integration, and end-to-end), increasing code coverage from 70% to 92%.

Key Responsibilities

- Collaborated cross-functionally with internal teams to effectively achieve shared goals and objectives
- Contributed to 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 3.5 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

- Contributed in 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.
- Collaborated with quality assurance team 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.
-

TECHNICAL SKILLS

Programming Languages: Python, JavaScript (Object-Oriented Programming)

Frameworks & Libraries: Flask, SQLAlchemy, React, Express.js, Node.js

Database Technologies: SQL, SQLite3, MongoDB, Postgresql

Development Tools: Git/GitHub, CI/CD Pipelines

Computer Science Fundamentals: Data Structures and Algorithms, Software Architecture Design

Operating Systems: Linux Systems Management

Soft Skills: Teamwork, Cross-functional Collaboration, Time Management, Problem-Solving

EDUCATION

Moringa School

Software Engineering

Class Of 2023

Coursework: Operating Systems, Programming, Data Structures and Algorithms, Database Management, Digital Communication, Software Architecture Design

Pan Africa Christian University

Bachelor of Business Leadership, Accounting Major (In Progress)

Expected Graduation: June 2026 , 1 semester remaining