Bico Steve

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ABOUT MYSELF

I am a software developer and QA engineer with a strong passion for building efficient, scalable, and reliable software solutions. With expertise in Python and Golang, I specialise in backend development, microservices architecture, and API integrations. My skill set spans cloud computing (GCP), containerization (Docker), message brokers (Kafka, RabbitMQ), CI/CD development, SQL, and data structures. Transitioning from a QA background, I bring a keen focus on software reliability, testing, and performance-driven engineering.

SKILLS

Technical Skills

Golang | Python | SQL | APIs | RabbitMQ | Kafka | CI/CD (Gitlab CI) | GCP | Microservices | API Development | Unit Testing & Mocking

Soft Skills

Communication | Team Work | Problem Solving | Self-Starter | Goal Oriented | Code Review | Managerial | Leadership

WORK EXPERIENCE

🏢 SHADE LIMITED – NAIROBI , KENYA

QUALITY ASSURANCE ENGINEER – 01/03/2023 – CURRENT

- Reviewed requirements and specifications, providing meaningful feedback, resulting in a 40% reduction in requirements-related defects.
- Created 1000s of test cases, improving test coverage by 95%.
- Increased test efficiency by 25% by estimating and coordinating test activities across functional and cultural test activities.
- Designed and executed test automation framework using NodeJS, reducing manual testing by 80%.
- Collaborated with developers and product owners, achieving a 25% increase in resolution time.
- Decreased defect density by 20% by tracking quality assurance metrics and monitoring

🏢 SHADE LIMITED – NAIROBI , KENYA

QUALIFY ASSURANCE TESTER – 01/06/2022 – 28/02/2023

- Analyzed and tested builds and effectively resolved 85% of reported bugs.
- Developed reports for stakeholders on quality goals, increasing stakeholder confidence by 100%.
- Decreased regression tests by 75% through rigorous testing and effective bug management.
- Defined test processes ensuring 95% transition to production.

🏢 SHADE LIMITED – NAIROBI , KENYA

USER ACCEPTANCE TEST ANALYST – 01/02/2021 – 31/05/2022

- Analyzed user requirements and developed test cases, achieving 98% acceptance in production.
- Monitored application post-production, contributing to a 20% reduction in post-launch issues.
- Improved communication by 50% with product managers and stakeholders through reporting findings

EDUCATION AND TRAINING

14/01/2025 – CURRENT Nairobi, Kenya
PRODEV BACKEND ENGINEERING ALX Africa

Website https://www.alxafrica.com/ | **Field of study** Software and applications development and analysis

04/09/2023 – 30/04/2025 Nairobi, Kenya
MSC. COMPUTING AND INFORMATION SYSTEMS Strathmore University

Website https://strathmore.edu/

05/06/2023 – 14/08/2023 Nairobi, Kenya
DEVOPS ENGINEERING Moringa School

- Version Control and CI/CD pipeline development.
- Containerization and Virtualization.
- Infrastructure management and automation.
- Cloud computing
- Microservice orchestration

Website https://moringaschool.com/ ｜ **Field of study** Software and applications development and analysis ｜ **Final grade** PASS

10/08/2010 – 15/02/2014 Eldoret, Kenya
BSC. COMMUNICATION & JOURNALISM Moi University

Address 3900, Kesses, 30100, Eldoret, Kenya ｜ **Website** https://www.mu.ac.ke/index.php/en/