COLLINS OMONDI

LinkedIn: https://www.linkedin.com/in/collins-omondi-45a8b81bb | Portfolio: codes-collins.vercel.app
Github: https://github.com/Ojwang-crypto | Email: omondicollins163@gmail.com
Phone: +254740443536

Experienced Software Development Engineer in Test with a passion for creating innovative systems that improve a company efficiency and effectiveness, ability to understand and test software, working knowledge of software development and a strong understanding of core internet technologies. Strong knowledge of quality assurance methodologies and industry best practices, as well as experience with automation testing tools. Strong communicator with the ability to collaborate effectively with cross-functional teams to drive product success, well-versed in technology and coding to design dependable and user friendly systems.

SKILLS

- Programming Languages: Python, JavaScript, PHP, Java, C/C++, C# ,
- Data-Interchange Format: JSON
- SQL Database Systems: MySQL, PostgreSQL
- Markup Languages: XML,XAML, HTML5
- Style Sheet Language: CSS, Tailwind
- Source Control Tools: Git, GitHub
- CI/CD Tools: Jenkins, Cypress
- Cloud Technologies: Azure, AWS
- Teamwork and collaboration skills
- SDLC/STLC

- Frameworks: .NET, MAUI, Xamarin, Django, Bootstrap, React.js
- Web Servers: Apache HTTPD
- API testing tool: Postman
- Proficiency in **MPESA** core **G2** System
- Automation tool: Selenium
- Agile Methodology
- Problem Solving
- Performance Testing Tool: JMeter
- Communication skills
- Agile Project Management
- Presentation skills

PROJECTS

Integrated Ecommerce Web Application | http://shepresident.great-site.net
- Implemented a scalable architecture for the web application that could handle a growing number of users and transactions
- Implemented performance optimizations that led to a significant decrease in page load time and improved website speed, which resulted in a 50% decrease in bounce rate.

YouTube App | https://github.com/Ojwang-crypto/YoutubeCloneApp.
- Runs on Android, IOS, Mac, and Windows, developed using .NET Framework and C#, provides a seamless and engaging experience for users to consume video content, with performance optimizations leading to faster load times and improved app speed.

E-Procurement System | http://mightyflex.great-site.net
- Led a team of 3 developers in delivering a complex platform on time and under budget, resulting in a 20% increase in online sales and a customer satisfaction rating of 60%
- Optimized a database system that reduced query response time, resulting in faster and more accurate data processing for the web application

WORK EXPERIENCE

Safaricom PLC | *Software Development Engineer in Test*   **June 2022- Present**
- Contributed to the quality assurance team's successful setup of MPESA in the Ethiopian market by testing various MPESA Operation System (G2) products and ensuring adherence to quality standards
- Developed and implemented automated test scripts using Selenium (Web Driver) and Python to conduct end-to end testing, ensuring accuracy and efficiency.
- Reduced manual work by 60% through the automation of build and deployment processes using Jenkins.
- Implemented and utilized various testing methodologies, including exploratory testing and risk-based testing, to ensure comprehensive coverage of system functionality and minimize defects in production
- Documented defects with precision, accuracy, and informative recreation steps utilizing internationally recognized tools such as Jira and HP ALM for bug tracking and reporting. .
- Increased test automation coverage by 20%, resulting in a 30% reduction in test execution time.
  Skills: Test Automation, Selenium, Python, Jira, Jenkins, JMeter, BDD, Postman, Software Architecture, CI/CD, Git.

Safaricom PLC | *Software Tester*   **Feb 2022- May 2022**
- Performed exploratory testing to identify defects and potential areas for improvement, logging an average of 3 high-priority defects per week.
- Ensured high-quality software by promoting a collaborative process with the Scrum team to prioritize testing and quality control
- Work with project managers to prioritize testing activities and ensure test coverage aligns with project timelines and goals, achieving an on-time delivery rate of at least 95%.
- Critiqued and assessed system requirements, specification, and technical design documents, delivering valuable and prompt feedback.
- Collaborated with developers to reproduce and verify fixes, with an average of 2 business days from receiving a fix to verifying it.
- Generated extensive reports on test results, identifying defects and issues encountered, and recommending strategies for improvement.

Discover JKUAT | *Software Engineer*   **July 2021 - Dec 2021**
- Designed and developed innovative modules and solutions as part of an agile development cycle, driving positive business outcomes and results.
- Integrated new technologies, such as Firebase and Google Analytics, to gain better insights into user behavior and website performance, resulting in an increase in user retention.
- Optimized web page load times by implementing lazy loading and code splitting techniques, resulting in a 30% decrease in page load times
- Implemented a new feature that reduced customer onboarding time, resulting in a 20% increase in customer satisfaction.

EDUCATION
- ALX-T Software Engineering,
- Fundamentals of software Testing, QATestLabs
- **Frankfurt School of Finance and Management |** *Block Chain (Decentralized Finance)*   *March 2023 - Present*
- **Jomo Kenyatta University of Agriculture and Technology**
  Bachelor of Business Information Technology | **Honors**: Second Class Honors (Upper Division)   *2018 - 2022*

CERTIFICATIONS
- Scrum Fundamentals Certified (SFC)
- Fundamentals of Software Testing
- Test Automation Foundation,
- Selenium Essential Training,
- CCNA: Switching Routing and wireless Essential
- API Penetration Testing,
- JMeter: Performance and Load Testing,
- ISTQB Certified Tester Foundation Level (ongoing).
- Leadership and Management Skills For Business - Managing Employees

OTHER SKILLS
Azure, AWS, Python, Django, React, Node.js, Git, SDLC, CI/CD, Postman, GitLab, Vercel, Cucumber, JMeter, SOAP UI, SQL, NoSQL, Kubernetes, API, CRM, Product Development, Collaboration, team work , Project Management, Research, Technical Acumen, creative thinking, Microsoft Office, Networking, Database Administration, Product Planning and Optimization, MPESA G2
INTERESTS: Football, Chess, article writing, Research, career development.

REFEREES
Faith Mandela Kuya
Quality Engineering Manager
Safaricom PLC
Email: fkuya@safaricom.co.ke
Phone: +254727059973

Nobert Okoth Odayo
Software Engineer
Safaricom PLC
Email: nobertokoth18@gmail.com
Phone: +254758551314