

KEVIN OMOLO OGUTA
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Professional Summary

Software quality assurance engineer and a software development engineer in test(SDET) with 3 years of experience in software development, software testing, automation and performance testing. I have strong background in creating comprehensive test plans, test cases, and executing end-to-end testing to ensure the quality and functionality of applications. Proficiency in identifying and tracking defects with tools like **JIRA** and **Trello** to improve user experience and product functionality. I have the ability to enhance testing processes and drive continuous improvement in software development lifecycle. Competent in **HTML/CSS, PHP, Python, Java**, and frameworks like **Django** and **React**. Adept at creating front-end and back-end development solutions that are scalable, effective, and easy to use. Excellent problem-solving abilities and a firm grasp of agile approaches and the software development life cycle (SDLC).

Technical Skills

- Programming Languages: Python, Java, JavaScript, SQL and HTML/CSS
- Methodologies: Agile (Scrum) and Waterfall
- Operating Systems: Windows and Linux
- Software Testing: Manual testing, test automation(Selenium)
- Test management: Jira ,Trello
- Defect Tracking: Jira
- API testing: Postman
- Web Development: HTML5, CSS3, JavaScript, React, Node.js, Express.js, Django, Flask
- Databases: MySQL, PostgreSQL, MongoDB, Firebase
- Documentation: Test Scripts Creation, Test Plans (Test strategy), test summary report and defect issue log.
- Version Control: Git, GitHub, GitLab

Experience

NATIONAL COUNCIL FOR POPULATION AND DEVELOPMENT, NAIROBI.

Quality Assurance Software Analyst | January 2024 – To date

- Develop and implement test plans and test scripts based on software specifications and requirements

- Analysis, review and assessment of user requirements, specifications and models for testability
- Manage bug tracking and reporting via JIRA, ensuring clear communication of defects to developers.
- Develop automated test scripts using selenium, reducing manual testing efforts.
- Collaborate with development teams to identify root causes of defects and propose solutions to improve product quality.
- Lead performance and load testing efforts to assess system behavior under heavy loads and optimize performance.
- Participate in Agile ceremonies (standups, sprint planning, and retrospectives) to ensure timely delivery of projects.
- Worked closely with developers and product managers to ensure clear understanding and communication of requirements.
- Reporting and metrics. Utilize Jira and trello reporting features to generate insightful test metrics, defect tracking reports and overall test execution summaries.
- Developing mitigation strategies and contingency plans to minimize potential impact on project deliverables.

MIKINDANI HOSPITAL, MOMBASA.

Software Developer | June 2023-December 2023

- Developed and maintained responsive, user-friendly, and visually appealing websites using HTML, PHP and CSS programming languages.
- Collaborated with cross-functional teams to optimize website performance and user experience.
- Collaborated with cross-functional teams to define project requirements and design solutions.
- Wrote clean, efficient, and testable code in SQL, JAVA, HTML, php and JavaScript.
- Optimized database queries, improving application performance. Implemented automated testing frameworks, reducing bugs.

COAST APPAREL LTD, MOMBASA.

Software Developer | September 2022 – May 2023

- Helped senior developer to identify bugs in his projects.
- Followed Agile or Scrum methodologies in sprints, and tracking progress.
- Gained exposure to all stages of software development, from planning and designing to testing and deployment.

Education

UNIVERSITY OF KABIANGA

BSC. Information Technology

KENYA CERTIFICATE OF SECONDARY EDUCATION

Lieta High School

KENYA CERTIFICATE OF PRIMARY EDUCATION

Nyamarimba Primary School

Training

ISQTB Foundation Level Training

Agile coaching- Scrum master