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COLLINS OMONDI OJWANG

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I am a detail-oriented Software Test Engineer with strong documentation and report writing abilities. I read and interpret technical documents to make accurate assessment of software and functionalities. Skilled at API testing with Postman, Test Automation, Performance Testing, Regression Testing, Manual User Interface Test, and bug tracking using Jira and Application Lifecycle Management.

SKILLS

- Programming Languages: Python, PHP, JavaScript, Java
- Data-Interchange Format: JSON
- SQL Database Systems: MySQL, PostgreSQL
- Markup Languages: XML, HTML5
- Style Sheet Language: CSS
- Source Control Tools: Git, GitHub, Bitbucket
- Automation tool: Selenium, Robot
- CI/CD Tools: Cypress, CircleCI
- Cloud Technologies: GCP, AWS
- Performance Testing Tool: JMeter
- Jira, Confluence
- Frameworks: Pytest, Django, Bootstrap, React
- SDLC/STLC
- API Integration
- API testing tool: Postman API
- Teamwork and collaboration skills
- Good communication skills
- Strong verbal and written English
- Presentation skills
- Strong Analytical skills
- Problem Solving

WORK HISTORY

SAFARICOM PLC

Software Development Engineer in Test - Internship

Feb2022 – Present

Achievements:

- Engaged team members to practice good work environment focused on quality, communication, collaboration, integration, and teamwork.
- Mentored and trained local QA contractors as part of their induction, which helped them learn the role quickly and getting to know as much about the company's product and services, hence contributing and making a positive impact within the organization.
- Instituted using Selenium to shorten QA cycles

Responsibilities:

- Part of the quality assurance team tasked with the setting up of MPESA in the Ethiopian market through testing of various Mpesa Operation System (G2) products in order to meet quality.
- Implementing Test suites and test cases for automated test script for end-to-end testing using Selenium (wed Driver) and Python.
- Planning various test cases scenarios to detect bugs, classify the errors on the basis of severity, priority, updating the traceability matrix and informing the development team.
- Expertise in documenting defects with high level of detail, accuracy and informative recreation steps using international tools like Jira and HP ALM for bug tracking and reporting.
- Creating detailed, comprehensive, and well-structured test cases and collaborated with QA Engineers to develop effective strategies and test plans.
- Performing Exploratory testing, Regression testing, Functional testing, and Integration testing.
- Attending review meetings to analyze client requirements and arranging test environment for execution of test cases.
- Working closely with the scrum team to ensure the process of building software promotes quality.

Skills: Test Automation, Selenium, Python, Jira, Jenkins, JMeter, Postman, Manual Testing, Software architecture, team leadership.

Discover JKUAT

July 2021- Dec 2021

DevOps Engineer - Apprenticeship (Students Club)

Achievements:

- Automated build and deployment process with Jenkins and Maven, eliminating 80% of manual work
- Successfully modified numerous software applications that increased user-friendliness by 20%
- Introduced a solid database and GUI to identify user needs with 70% accuracy

Responsibilities:

- Supervised software life cycle from preliminary needs analysis to enterprise-wide deployment and support
- Wrote code and developed tools and integrations to meet cross-platform user needs
- Drove strategy for migration from performance to GitHub, including branching, merging, and tagging
- Integrated data from various back-end services and databases
- Removed bugs from an ecommerce site for Shepresident empire, making it 50% more efficient than before
- Wrote well designed, testable, efficient code by using best software development practices
- Gathered and refined specifications and requirements based on technical needs
- Cooperated with other web designers to match visual design intent.

Skills: HTML5, Jenkins, JavaScript, Bootstrap, Python, PHP, C/C++, Git, MySQL, PostgreSQL,

Kenya Power and Lighting Company - Internship

Feb 2021- De 2021

IT Support Specialist**Responsibilities:**

- Managed IT, Network Racks and Cabinet including network switches, routers, patch panels and cables
- Knowledge of security technologies such as Malware, Network Intrusion Prevention, Security Information Event Management systems
- Installed and maintained multiple security software programs, discovered, and fixed all security breaches, analyzed, and responded to any network incident.
- Assisted in the user access management and worked on the development and implementation of new process and procedures to increase the security and transparency of the internal network security systems.
- Provided technical support to colleagues, trained, and coordinated new employees and pro-actively participated in weekly team meetings with managers and executives.
- Did preventive maintenance of equipment and assets in order to keep them running and prevent any costly unplanned downtime from unexpected equipment failure.
- Configured laptops, printers, scanners, and email accounts

Skills: Networking, TCP/IP Protocols, Telecoms, SQL, Intrusion Detection System, PC repair and maintenance, fiber optic, cabinet management

PROJECTS

Integrated Ecommerce System for an Online Shop (Shepresident Empire)

- Developed a responsive ecommerce system for an online shop that helped increase the number of customers purchase, which led to an increase in sales.
- **Tech stack:** PHP, HTML5, CSS, JavaScript, Bootstrap, Git, PesaPal API.
- <http://shepresident.great-site.net/>

E-Procurement System (Mightyflex)

- This is an online procurement system that link buyers to suppliers, facilitating efficient and effective means of sourcing goods and services for individual and businesses.
- **Tech stack:** HTML5, CSS, PHP, JavaScript, Bootstrap.
- <http://mightyflex.great-site.net>

Content Management website for Bloggers (Shillingland)

- Developed a responsive user-friendly blog website for content management
- **Tech stack:** HTML5, CSS, PHP, JavaScript, Bootstrap, Google Map API
- <https://shillingland.com/>

EDUCATION

Jomo Kenyatta University of Agriculture and Technology

2018 - 2022

B.Sc. in Business Information Technology (BBIT),
Second Class Honors (Upper Division).

Certifications: Scrum Fundamentals Certified (SFC), ISTQB Certified Tester Foundation Level(ongoing,) CCNA: Switching Routing and wireless Essential, Test Automation Foundation, Selenium Essential Training, API Testing Foundation, Behavior Driven Development, JMeter: Performance and Load Testing, Programing Foundation Software Testing.

Training record: Agile Leadership (2022.) Software Testing Bootcamp (April 2022.), Software Engineering Bootcamp (September,2022), API Penetration testing (Ongoing)

REFEREES

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