

Bernard Maina

Software Developer & Devops Engineer with 2 years of Experience

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EXPERIENCE

ONFON MEDIA — INTERNSHIP

MONTH: JUNE 2022 - DECEMBER 2022

- Test Automation Framework Development: Spearheaded the development of a robust and flexible automation framework from scratch, significantly improving test efficiency by 70%.
- Manual to Automated Transition: Actively drove the transition of manual test cases into automated scripts, reducing test cycle times by 3 days per sprint.
- Cross-functional Collaboration: Collaborated closely with developers, enabling troubleshooting, stabilization, and optimization of daily QA automation tasks in Agile environments.
- Sprint Deliverables: Executed automated regression packs as part of sprint deliverables, ensuring timely, high-quality software releases.
- Stakeholder Communication: Proficiently communicated technical bugs and issues to internal stakeholders, fostering proactive issue resolution and reducing critical defects by 78%.
- Code Quality: Actively participated in code reviews, adhering to coding standards and best practices while developing and maintaining automation scripts.
- Test Plan Development: Developed well-structured test plans and test cases, enhancing test coverage and aligning with business objectives.

INNOVEX SOLUTIONS — Software Dev & Devops Engineer

MONTH: MAY 2023 - PRESENT

- Setting up and configuring Bitbucket Pipelines for CI/CD automation.
- Dockerizing applications for consistent deployment.
- Deploying applications on Amazon Web Services (AWS) infrastructure.
- Integrating automated testing into CI/CD pipelines.
- Strengthening version control skills with Git.
- Understanding security practices for Docker and AWS.
- Familiarity with networking concepts in cloud environments.
- Developing troubleshooting skills in CI/CD and cloud deployments.
- Collaborating effectively within cross-functional teams.
- Designing and implementing user interfaces for web and mobile applications.
- Ensuring responsive and visually appealing user experiences.
- Collaborating with UX/UI designers to bring design concepts to life.
- Building server-side logic and databases to support application functionality.

SKILLS

- * React
- * Node Js - Express, Nest Js
- * PHP
- * Docker
- * Gitlab
- * Bitbucket
- * Jenkins
- * K8
- * AWS
- * Terraform
- * Version Control
- * Postgres
- * Sql

AWARDS

- CCNA
- EQUITY HACKATHON RUNNERS UP
- INNOVEX SOLUTIONS SEPTEMBER EMPLOYEE OF THE MONTH

LANGUAGES

English, Swahili

HOBBIES

- FIFA
- VFX ARTIST

- Developing APIs for communication between the front-end and back-end components.
- Optimizing the performance and scalability of server-side systems.

EDUCATION

Meru University — *Bsc. Computer Technology*

JUNE 2019 - APRIL 2023

PROJECTS

Project — *INNOVEX SOLUTIONS STAFF WORKBENCH*

- Developed a system where staff were able to:
 - Backup and restore their files to AWS
 - Apply for work leave
 - Track client issues and concerns
 - View work performance ratings and set their overall goals

Project — *FLIP ~ CLAIM MANAGEMENT PLATFORM*

- Developed pipelines for flip v2 to facilitate CI/CD
 - Automated tests and deployed Flip V2 to various clients such as MUA, Britam, CIC and APA