Joan Ndegwa

Software Engineer

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TECHNICAL SKILLS

Python (Django)

Javascript (NodeJS, Express, React)

DevOps (Linux, Bash scripting, Docker)

Databases (mySQL, PostgreSQL, MongoDB)

HTML and CSS

Git and Github

Markdown

SOFT SKILLS

Great communication	Leadership
Problem solving	Adaptability
Collaboration	Excellent work ethic
Enthusiasm	Interpersonal skills

INTERESTS

Traveling	Yoga
Reading	Dancing

VOLUNTEER EXPERIENCE

Technovation
Regional coordinator and mentor

Microsoft
Digigirlz program mentor

Microsoft MSP Program
Microsoft Student Partner Lead

LANGUAGES

English	Kiswahili
9	8

Kikuyu

5

A highly driven software engineer enthusiastic about **backend development** and **DevOps**. Experienced building software with Python, JavaScript and leveraging DevOps tools to improve development life cycle. Dedicated to self-development and focused on continuous learning for career growth. Selected to participate in the **Outreachy** open source program.

WORK EXPERIENCE

Stax by Hover   (October 02, 2022 - Present)
Software Tester

- Conduct automated and manual tests on the Stax application.
- Testing new releases before they are released to the public.
- Document and report bugs and issues on the Stax app.
- Having review meetings with the product development and testing teams.

Eclipse Adoptium   (September 30, 2021 - March 19, 2022)
Software Engineer Intern (Outreachy Participant)

- Improved the running of tests on docker containers. Reduced the volume of containers needed to run the tests.
- Parameterize running of tests on docker containers and improved other logic that needed streamlining.
- Researched, strategized and implemented tests workflow improvements and process automation in collaboration with the team to make testing easier.
- Performed tests clean up procedures by analyzing all the failing tests and implementing corrective measures.
- Improved and updated documentation relating to the project and all the updates made.

Rottal Solutions   (January 31, 2019 - March 30, 2021)
Project Manager

- Managed software development and integration projects from initiation to closure.
- Coordinated project activities with internal and external stakeholders.
- Worked closely with peers to identify issues and provide suitable resolutions.
- Conducted training and worked with customers to support use of applications.

EDUCATION

ALX Academy Program   (April 04,   **Multimedia University of**   (January 09, 2012 -
Software Engineering Diploma,   2022 -   **Kenya**   October 19, 2015)
Full Stack Software   Present)   Bachelor of Science in IT,
Development   Information Technology

PROJECTS

DevSocial
A social networking web app for techies
Skills : Python, Django, Django-Rest framework, Bootstrap, Javascript, HTML, CSS
🔗 https://github.com/jnjerin/devsocial

Project Tether
External tests suite by Eclipse Adoptium

<u>This project</u> involved running the functional test suites of third-party Java applications using the OpenJDK binaries produced by Eclipse Adoptium.
Hard Skills: Linux, Bash Scripting, Jenkins, Docker, Debugging, Git, Documentation
Soft skills: Collaboration, Effective Communication, Problem Solving, Adaptability