




Walter Nyeko

Software Engineer

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Enthusiastic technical professional with complete understanding of entire software development lifecycle. Highly trained in Javascript, Java, and Python and known for having talents in fast learning and leadership.

I am a hardworking software development professional driven to increase team effectiveness. Focused on usability and performance improvements. Proven history of developing useful, efficient and cost-effective projects. I like automation to have a fully self-controlled system and I leverage this through strong decision makings.



Skills

- Software Development using Javascript (PREN), Python and Java
- Agile Methodology
- Version Control with Git
- Automating Work flows with CI/CD tools
- Proactive Communication
- TDD, BDD, and Proper Code Reviews
- Knowledge of RDBMS like MySQL, Postgres, and MongoDB
- Caching Tools like Redis
- Containerisation with Docker
- Experience with cloud services (AWS)



Work History

● Software Engineer

Andela, Kampala, Uganda/Central

- At Andela, I play the role of a Software Engineer on every product development team that I join, primarily responsible for ensuring products development by delivering features of the products in their complete and acceptable states.
- I also collaborate with product managers, team members, quality assurance, product users, and other stakeholders to resolve technical

2018-10 - Current

issues, and design new applications system to enhance client requirements for web, and mobile computing capabilities using Javascript and Python.

- Discuss project progress with customers, collect feedback on different stages and directly addresses concerns regarding product development.
- Participate in sprint planning, and product road map planning to ensure proper delivery estimations for the product and to ensure that the development team is in sync with the stakeholders such that expectations are equally well managed.
- Engages in DevOps activities to allow automated workflow on the team.

2017-05 - 2018-05

● **Software Developer**

Apache Software Foundation, Kampala, Uganda/Central

- I was an active contributor on Apache's open source Mifos X community app for banking, aimed at solving the problems experienced by the banking sector of under-developed countries majorly in some parts of Asia and Africa.
- I used Java and Javascript to deliver features for the product.
- Tested programs and databases to identify issues and make necessary modifications.

2016-01 - 2018-01

● **IT Officer**

Afriwhite Uganda, Kampala, Uganda/Central

- I worked at Afriwhite as an IT specialist. I was therefore responsible for developing, maintaining and updating the company's website and applications.
- I also solved basic technical problems regarding the company's computers for the employees during their service deliveries for the company.
- While at Afriwhite, I designed for the company a procurement system that is being used to serve procurement and records management up to now.

2015-05 - 2017-05

● **Software Engineer**

Softearth Technologies, Kampala, Uganda/Central

- Designed two applications for Uganda government while at Softearth Technologies. Uganda Road Crash Data System (Owned by Uganda Police Force , Ministry of Works and Transport, and Ministry of Health) and A Schools Management System for government schools (Owned by Ministry of Education and Sports).
- I headed the engineering team for the development of the above two applications. Therefore I was responsible for ensuring timely delivery, quality and maintainable pieces of code in the codebase.
- I also participated very actively to ensure that features delivery and product integrations, training of the end users of the system, and maintenance of the products.

2014-08 - 2018-05



Education

● **BEng. Telecommunications Engineering: Information Technology**

Kyambogo University - Kampala, Uganda



Languages

- English
- French
- Luo



Interests

- Artificial Intelligence
- Endless learning
- Automation



Certifications

2010-07

- Uganda National Mathematics Contest (Secondary Level)

2007-07

- Uganda National Mathematics Contest (Primary Level)

2013-06

- General Duty Prefect (Schools Leadership Certification)

2011-11

- Uganda Certificate of Education (UCE - First Grade)

2013-11

- Uganda Advanced Certificate of Education (UACE - 16/20 points)



Referees

- Laura Anderson (4lauraanderson@gmail.com, +15414143546. Teacher).
- Kristine Sullivan (kristine.sullivan@elevateeducation.org, +256787429226. Country Director, Elevate Uganda).
- Nkuyahaga Frank (Software Engineer, Apache Software Foundation +256752503147)