Stanley Ndagi

Software Engineer well versed with working in a Scrum - Agile approach of software engineering. Experienced in remote work within cross-cultural, multinational teams across industries like fintech, agriculture and education.

Nairobi, Kenya
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EXPERIENCE

Andela, Nairobi Kenya

NOV 2015 - NOV 2019

Within this period, besides being a remote engineer in various teams, I wore several hats as summarised below.

Senior Software Engineer

JAN 2018 - NOV 2019

For 3 months, in the capacity of a Product Manager, I led a team of engineers in building an internal tool that would be used in fostering camaraderie among employees. This involved hiring team leads and developers, scoping work for different iterations of the MVP and leading stakeholder meetings with different departments and the Product Owner.

Software Engineer

NOV 2015 - JAN 2018

In the capacity of a Technical Team Lead, I led a team extending an open-source product. I led scoping, sprint planning and retros as well as did code reviews. All this, while mentoring these junior developers.

Bellwethr, Kansas City, Missouri, US
Software Engineer | Platform and Machine Learning (Remote)

MAY 2019 - NOV 2019

Due to my FullStack experience, I worked on a greenfield project that involved ETL process from SOAP and REST APIs and Data dumps, through AWS into a Data Lake supporting the main offerings of the business

I did a good deal of DevOps, added best practices of CI/CD, improved local development and shipping incorporating Docker and Code Deploy on AWS

Collaborated on Database Design and System factoring in our Machine Learning models.

FarmLogs, Ann Arbor, Michigan, US
Software Engineer (Remote)

AUG 2018 - JAN 2019

Extended FarmLogs GraphQL API among two other Backend engineers

Built internal ETL tools supporting user management and syncing data from several crop-trading external APIs

SKILLS

Programming:
Python: *Django, Flask, Scrapy, Apache Airflow, Pytorch, Jupyter*
JavaScript: *VueJS*
Docker
Postgres, MongoDB
Web: *CSS3, HTML5, PWA*

Tools:
CI/CD: *CircleCI, SemaphoreCI*
Cloud services: *GCP, AWS*

Competencies:
Core:
Backend Development
Test Driven Development
Remote Work
Open Source

Project Management
Data Engineering
Machine Learning
DevOps
IoT

AWARDS AND ACHIEVEMENTS

F8 hackathon finalist, 2019
My team was listed among the top 8 finalists

Andela Employee of the Year, 2016
Awardees epitomise the company's values: Excellence, Passion, Integrity and Collaboration

Launched a new product AutoHedge that involved decoupling and extending some functionality across the API to serve the current product and the new one that could be used separately or as an additional feature.

BrightHive, Greater Chicago Area, Illinois, US
Software Engineer (Remote)

MAY 2017 - JULY 2018

As part of the initial development team, I was involved in System Design for the just-formed startup. Recommended tools, platforms and created team processes of development, documentation, code review and performance measurement.

Extended Open Source projects to fit our scope. Created APIs and CI/CD pipelines for proof-of-concept product that incorporated data-dumping and reporting functionalities via API across learning institutions and state departments of Education.

Enigma, New York — *Data Engineer (Remote)*

OCT 2016 - FEB 2017

Wrote ETL configuration files in a DSL that instructed how open data and customer data stored in a myriad of formats would be ingested.

EDUCATION

Udacity — AI programming with Python Nanodegree
2018-2019

JKUAT, Kenya — *BSc. Information Technology*
2012-2015

PROJECTS

VueDjango — *VueJS-Django-Webpack boilerplate*
https://github.com/NdagiStanley/vue-django

This boilerplate helps developers spin up a Django application that has VueJS baked in. The project has been quoted in several technical articles, even in different languages.

TECHNICAL WRITING

Writer and Editorial
CircleCI Guest Writers Program
Writer
ScotchIO

VOLUNTEERING/ COMMUNITY

Team Lead, Volunteer Devs
Open Digerati

Hackathon Organising Lead, 2018
FishHackathon, Kenya edition

Speaker
ForLoop Abuja, Nigeria

Mentor
- Bridging The Gap, 2019
- Youth and Success Association, Kenya, 2019
- Frauenloop, a German non-Profit, 2017-2018
- KamiLimu, 2017

Coach
- DjangoGirls Nairobi, 2016

LANGUAGES

English, Swahili