Stanley Ndagi

Software Engineer well versed with working in the Scrum - Agile methodology
Worked across fintech, agriculture, ecommerce, government, and education
Experienced working remotely in cross-cultural, multinational teams collectively
delivering value, gaining revenue, process optimization and/or reducing costs.

Email - **ndagis@gmail.com**
Web profile - **md.engineer**
GitHub - **NdagiStanley**
LinkedIn - **NdagiStanley**

Fluency: English, Swahili

EXPERIENCE

Independent consultant
(Software Engineering, Technical Copywriting)

NOV 2019 - PRESENT

In my consultancy practice, I have engaged with individuals and teams alike;
within organizations: from early stage startups to 40+ year old institutions.
I am competent in the various stages of the software development life cycle,
team structuring, project management, and talent sourcing.

I also engage in Technical Copywriting (directly/ working with other
authors) on technical content for both technical and non-technical audience

Andela, Nairobi Kenya

NOV 2015 - NOV 2019

Senior Software Engineer JAN 2018 - NOV 2019
Software Engineer NOV 2015 - JAN 2018

Primary objective:
A remote engineer integrated within various distributed teams:
Bellwethr, FarmLogs, BrightHive and Enigma (expounded below)

Other roles I assumed:

Product Manager leading a team 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.

Technical Team Lead leading a team in extending an open-source product.
I led in scoping of work, sprint planning and retros as well as code reviews.
All this, while mentoring the junior developers under my lead.

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

MAY 2019 - NOV 2019

My **FullStack** experience opportuned me the opportunity to work on a
greenfield project that involved ETL* process from SOAP and REST API*s
and Data dumps, through AWS into a Data Lake supporting the main
offerings of the business.

I did a good deal of DevOps (Developer Operations), added CI/CD best
practices, improved local development workflow and shipping to staging
and production process by incorporating Docker and Code Deploy on AWS.

Collaborated on Database Design and System factoring in our ML* models.

SKILLS

Programming
Python (Tool of choice):
Django, Flask, Scrapy, Pytorch, Jupyter,
Apache Airflow
JavaScript: *VueJS, ReactJS, NodeJS*
Databases: *PostgresQL, MongoDB*
Web: *CSS3, HTML5, PWA, Polymer JS*
Others: *C, PHP, JAMstack*

Tools
DevOps: *Docker, Chef, K8s*
CI/CD* (Continuous Integration and
Continuous Delivery or Deployment):
CircleCI, SemaphoreCI
Cloud: *GCP, AWS, Firebase, Netlify,*
Vercel, Azure

Competencies
Core:
Full Stack Development
API* (Application Programming
Interface): REST, GraphQL, SOAP
DevOps

Other:
ETL* (Extract, Transform, Load)
Data Engineering
Project & Product Management
Engineering Management
Technical Team Leadership
ML* Machine Learning
IoT (Internet of Things)
Open Source
Conceptualization and creation of
MVP*s (Minimum Viable Product)

WRITING

Technical Copywriting
CircleCI Guest Writers Program

EXPERIENCE (Continued)

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

AUG 2018 - JAN 2019

Extended FarmLogs GraphQL API* within a team of Backend engineers.

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

Involved in a new product launch, AutoHedge. My team decoupled and extended functionality across the API to serve the current product, and this new one (Future proofing for separated or extended feature creation)

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 this pre-startup (Before concept validation and MVP* creation).
Recommended tools, platforms, and created team processes for development, documentation, code review, and performance measurement.

Later, in its startup phase. I extended Open Source projects to fit our scope. Created API*s and CI/CD* pipelines for proof-of-concept products that incorporated data-dumping and reporting functionalities 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 (Domain Specific Language) that instructed how open data and customer data stored in a myriad of formats would be ingested.

EDUCATION

★ AI programming with Python Nanodegree
   [Credential](#)
★ Google Africa Developer Training Program: Google Cloud
   [Credential](#)

JKUAT, Kenya
BSc. Information Technology (Undergrad)

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](#).

Last updated: Dec 2021
Link to the most recent: https://md.engineer/cv

WRITING (Continued)

Technical Writer/ Editor
- [CircleCI Guest Writers Program](#)
- [ScotchIO](#)
- [Packt Publishing Company](#)

AWARDS AND ACHIEVEMENTS

F8 hackathon finalist, 2019
My team was listed among the top 8 finalists; [media](#)

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

VOLUNTEERING/ COMMUNITY

Visionary
TechKln [techkln.org](#)

Team Lead, Volunteer Devs
Open Digerati, Global

Hackathon Organising Lead, 2018
FishHackathon, Kenya edition;
[media](#)

Speaker, 2017
ForLoop Abuja, Nigeria; [media](#)

Mentor

➔ Bridging The Gap
  (An initiative by my Alumni)
  2019-2020
➔ Youth and Success Association
  (Kenyan non-profit) 2019; [media](#)
➔ Frauenloop (German non-profit)
  2017-2018
➔ KamiLimu
  (Kenyan non-profit) 2017; [media](#)

Coach
DjangoGirls Nairobi, 2016; [media](#)