

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.

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Web profile - stanmd.tk

GitHub - [NdagiStanley](https://github.com/NdagiStanley)

LinkedIn - [NdagiStanley](https://www.linkedin.com/in/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

Last updated: July 2021

Link to the most recent: <https://stanmd.tk/cv>

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.](#)

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](#)