Resume: Stanley M Ndagi

Digital products professional - Product Manager, Full-stack Cross-platform Software Engineer, Program Manager, Project Lead, and Technical Writer

Worked remotely in distributed, multidisciplinary, cross-cultural, and multinational teams;
Worked across fintech, agriculture, government, fashion, not-for-profit, and education sectors.
Delivers value, builds team capacity, generates revenue, optimizes processes, and reduces costs.
Delivers technical writing - content strategy and design, and information architecture.
Enhances developer education, experience, productivity. Champions free and open-source code.

Lead-Integrations, Content, Product - Namiri Technology Ltd   2023-Present

Crafts Product Roadmap. Leads engineering sprint planning, ensuring timely delivery of technical milestones. Manages DigiTax integration program. Leads B2B, B2C technical support. Writes API and support docs, updates CMS*, internal knowledge base, UX* content.

Independent consultant   2019-Present

Contractually or in a fractional capacity, I engage with individuals and organizational teams; from early-stage startups to 60+ year-old institutions across several SDLC stages.

- Fractional *Lead Software Engineer, Technical PM* | Tushiyah | pro bono   *2021-present*
- Seasonal *Technical Editor, Copywriter/ Author* | CircleCI   *2020-present*
- Fractional *Platform Engineer, UX writer* | Krom Systems | Tausi   2020, 2023-2024
  Setup and maintenance of DevOps and headless CMS*. Wrote Technical docs, UX content.
- Fractional *Lead Software Engineer* | Pango Africa Ltd | pro bono   *2022-2023*
- Contractual *Software Engineer, Technical lead* | Musicbuk (Musicbuk PWA*)   *2020-2022*
  ○ Platform engineering. Leading technical sourcing. Up-levelling new engineering hires.
  ○ Driving overall technical direction. Providing technical perspective to stakeholders.
- *Technical Writer* | Paymentology (API docs and Guides)   *2021-2023*
  Then, its first and solo technical writer owning Developer platform content production.
- *Software Engineer, DevOps, Scrum lead* | Judiciary of Kenya ICT (under IDLO)   *2020*
  ○ Influenced containerization adoption for improved local development and productivity.
  ○ Delivered features for its E-Filing system. Led adoption of CI/CD* pipelines.
  ○ Led Agile-Scrum processes (user stories, task tracking, and reporting)

Senior *Software Engineer* | *Software Engineer* - Andela   2015-2019

An integrated **remote software engineer**, integrated within four distributed teams in the United States: Bellwethr, FarmLogs, BrightHive, and Enigma (expounded below)
Product Manager: Built an internal tool for fostering camaraderie among employees.
Technical Team Lead: Led a team in extending an open-source product.

- *Platform, Data, & Machine Learning Engineer* | Bellwethr (Missouri, US)   *2019*
  Created ETL* pipelines from SOAP and REST APIs and data dumps through AWS into Bellwethr's data lake. Collaborated on product ML* models.
- *Backend Engineer* | FarmLogs (now Bushel Farm) (Michigan, US)   *2018-2019*
  Built and extended FarmLogs GraphQL API. Built internal ETL tools supporting user management and syncing data from external crop-trading APIs.
  Decoupled and extended functionality across the API to serve the existing and new products - Future-proofing for separated or extended feature creation.
- *Software Engineer* | BrightHive (Illinois, US)   *2016-2017*
  Part of the initial development team. Beyond feature development, I contributed to System Design, tools and platforms selection, and creation of team processes for development, documentation, code review, and performance measurement.
- *Data Engineer* | Enigma (New York, US)   *2016-2017*
  Wrote ETL configuration files in a Domain-Specific Language (*based off Python*) specifying the ingestion flow of multi-format customer and open data.

Email: stan@md.bio
Web profile: www.md.bio
GitHub: NdagiStanley
LinkedIn: NdagiStanley
Location: Germany from April '25
Fluent in English (C2 Proficient)

SKILLS + COMPETENCIES

Agile Product Management
Programming: Python, Go, SQL, HTML, CSS, JavaScript, TypeScript, Kotlin, Swift
Frontend: *Vue.js, Nuxt.js, Quasar,* Progressive Web Apps *(PWA*)*
Backend:
APIs: *REST, GraphQL, SOAP*
DevOps:*Docker, Kubernetes, Chef*
Continuous Integration, Delivery/ Deployment (*CI/CD**): *CircleCI, GitHub actions*
Cloud: *GCP, AWS, Firebase, Netlify, Vercel, Azure, Heroku*
Projects: VueDjango; VueDN

Other competencies
Technical Team Leadership
Content Management Systems (*CMS**) setup and configuration
Data engineering - Entry, Transform, Load (*ETL**)
Machine Learning (*ML**) and Artificial Intelligence (*AI**)
Open-Source and Developer Experience (**DX**) advocacy
User Experience (**UX***) writing
Software Architectural Design

WRITING + COMMUNITY
Author, editor with CircleCI
Writer with DigitalOcean
Book Reviewer at Packt
Tech Events' speaker, panellist
Founder & Lead: TechKln

EDUCATION + CERTIFICATION
API platform engineering fundamentals certification
Nuxt.js Master certification
Google Cloud certification
AI* programming nano degree
B.Sc. Information Technology

AWARDS + ACHIEVEMENTS
GitHub *star*, 2022-2023
CircleCI *champion*, 2023
ADPList *top mentor*, 2023
Meta's F8 hackathon *finalist* '19
Andela *Employee of the Year*, '16