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)   *2017–2018*
  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
In Kenya, Relocating to Germany
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, panelist
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