

Professional Experience

Pineloop, *Independent Software Developer*

2019 - Present

Work with clients across a wide range of industries on product, engineering and go-to-market strategy.

- I led the redesign of BrijMoney, a Kenyan-based financial services platform. I introduced engineering best practices, improved codebase quality (PHP, Docker, MySQL) and also fixed security loopholes.
- Rewrote AWS serverless service for Voltage, a blockchain service for hosting Lightning Network nodes and BTCPay servers.

Octopus Labs, *Backend Engineer*

2016 - 2019

- Core platform team, backend and customer-facing services in a micro-services setting.
- Contributed to the development of a lending platform with £100m AUM.
- Technical lead on a service for sending emails. Involved in designing and implementing features such as tracking, queuing and A/B testing. Worked with Python, Google App Engine, and Docker.

Abakhi, *Co-Founder and Technical Project Manager*

2013 - 2016

Ran a small consultancy doing web development and technology contracting

- Developed the database, API, and dashboard for a payment system. Programmed data types, telecom integrations, Redis queue management, and third-party API integrations.
- Orchestrated deployment and continuous integration services.
- Produced code screens, kanban boards, and mockups for product management

Saya Mobile acq. by Kirusa, *Early Software Engineer*

2012 - 2013

Part of a venture-backed startup building mobile messaging for feature phones in emerging markets.

- Architected and implemented the MVP of a high-availability messaging server that scaled to serve 14m users. Worked with Erlang, Redis, PostgreSQL and Ejabberd XMPP server.
- Built an analytics dashboard for viewing usage statistics and user interactions

Education

University of Cape Coast – 2009 - 2013

Skills

- Project & Product Management, Data Analysis, Team Management, Go-To-Market strategy
- Python, Django, Go, JavaScript, HTML/CSS, Elixir, Erlang and UNIX system administration.
- Docker, Amazon Web Services, Google Cloud Platform, Heroku
- MySQL, PostgreSQL, MongoDB, Redis, Excel, Balsamiq Mockups, Sketch, and more as needed.