Yao Adzaku

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Skills

Development	Python, Go, Erlang, Elixir, JavaScript, HTML/CSS
Databases	MySQL, MongoDB, PostgreSQL, Redis
DeVops/Sys Admin	Docker, AWS, GCP, Heroku, Ansible, TravisCI, Nginx, SSH, Make
Community/Collaboration	Teaching, public speaking, IRC/Slack, Git, Trello, JIRA

Professional Experience

Pineloop Ventures, *Independent Software Developer*   *June 2020 - present*

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

Upvest, contract/remote, *Senior Backend Developer*   *Oct 2019 - May 2020*
Blockchain developer tools and APIs.

- Contribute to core engineering designs ranging from backend to customer-facing components.
- Developed integration tools for writing smart contracts in Go, Erlang, and Python.
- Championed initiatives to add more rigor to engineering practices, including blameless incident reviews and onboarding process improvements.

Octopus Labs, London/remote, *Backend Engineer*   *2016 - 10/2018*
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, Docker.

Abakhi, *Co-Founder and Technical Project Manager*   *2014 - 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

Projects

- Plex: Ocaml-inspired programming language based on the notion of objects as extensible records

- Fakerl: Erlang application that generates fake data for seeding projects with sample data

- Database Anonymizer: Command-line tool developed in Go for anonymizing database records

Education

University of Cape Coast   *2009-2013*