

# Yao Adzaku

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## Skills

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

## Professional Experience

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**Pineloop Ventures, Senior Software Engineer** *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, 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/remotely, 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

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- 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

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University of Cape Coast

*2009-2013*