

# Yao Adzaku

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LinkedIn/ yoadzaku ◇ Github/ rpip

## Skills

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| <b>Development</b>      | Erlang, Elixir, Python, Go, C, JavaScript, HTML/CSS, Ocaml    |
| <b>Databases</b>        | MySQL, MongoDB, PostgreSQL, ElasticSearch, Riak               |
| <b>DeVops/Sys Admin</b> | Docker, AWS, GCP, Heroku, Ansible, TravisCI, Nginx, SSH, Make |
| <b>Community</b>        | Teaching, public speaking, curriculum design, FOSS            |
| <b>Collaboration</b>    | IRC/Slack, Git & GitHub, Sphinx, Pandoc, Trello, JIRA         |

## Professional Experience

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- Senior Backend Developer, *Upvest, remote/contract*** ..... Oct 2019 - Present  
Blockchain developer tools and APIs. <https://upvest.co/>  
\* Contribute to core engineering designs ranging from backend to customer-facing components.  
\* Collaboratively design, build and maintain our microservices, blockchain toolset and client libraries
- Founder / CEO, *Sendhut*** ..... 2018 - 04/2019  
Restaurant and B2B delivery service. Responsible for key operations supporting revenue, product and customers, including day-to-day responsibility for business partnerships and strategic direction.  
\* Developed initial versions of delivery backend services and vendor management system  
\* Led fund-raising and B2B customer acquisition efforts including an integration with GT Bank
- Backend Engineer, *Octopus Labs, London/remote*** ..... 2016 - 10/2018  
Core platform team, backend and customer-facing services in a microservice setting.  
\* Technical lead for the central notification service used by other services.  
\* Participated in Code review and Sprint planning  
\* Tech stack: Python, Go, Google App Engine, GCP, Docker, Kubernetes, JavaScript
- Co-Founder, *Abakhi*** ..... 2014 - 2016  
Ran a small consultancy doing web development and technology contractin, <https://github.com/abakhi>  
\* Primary development work involved a mix of Erlang and Elixir  
\* Led a team to develop a payment system for transfer of funds across mobile networks, cards and banks. Tech stack: Elixir, Redis, RabbitMQ and PostgreSQL.
- Software Engineer, *mPedigree Network*** ..... 2013 - 2014  
\* Deployment and Resolution of Technical Issues  
\* Development of admin portal and tools to secure products against faking/counterfeiting.
- Software Engineer, *Saya Mobile*** ..... 2012 - 2013  
Part of a ventured-backed startup building mobile messaging for feature phones in emerging markets. TechCrunch Disrupt SF 2012 finalists.  
\* Helped design, build, operate and maintain a high availability messaging server with Ejabberd.  
\* Optimized the location-based feature to process large datasets of Open Street map data using MySQL stored procedure and sharding. Also developed analytics components in Erlang.  
\* Tech stack: Erlang, Ejabberd, Cowboy, WebSocket, Redis, Riak, RabbitMQ, PG2, MySQL.

## Open Source & Community

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- Summer of Code Intern, *Google*** ..... 2013 - 2013  
Selected for Google Summer of Code 2013 (Erlang/BEAM community) and developed a full featured module manager for Zotonic Erlang web framework/CMS. Still actively contribute to various open source projects: [github.com/rpip](https://github.com/rpip)

## Education

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- University of Cape Coast** ..... 2009-2013