

Michael Bausano

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github.com/bausano?tab=repositories&language=rust
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Distributed systems engineer proficient in Rust
RUST, DOCKER, MICROSERVICES, AWS, SMART CONTRACTS

Commercial Experience

2021–present

ALDRIN, *Rust DeFi engineer*

BLOCKCHAIN, SOLANA, RUST, TYPESCRIPT, ANCHOR, SMART CONTRACTS

Quickly obtained necessary technological skills for design, development and maintenance of Solana programs. Applied strong software engineering background to deliver features such as borrow lending, leverage yield farming, automatic market maker integration, stable coin and others. My programs were independently audited with a highly positive feedback.

2021

LUMALY, *Consultant*

NODE, TYPESCRIPT, LANGUAGE DESIGN

Led two business-critical projects for a browser extension startup: a new re-thought code base design and a domain specific language plus its interpreter. Soon offered a frontend team lead role of about 10 remote developers.

2019–2021

ENHANCE, *Rust backend engineer*

RUST, GRPC, DOCKER, MICROSERVICES, GOOGLE CLOUD, DEVOPS, POSTGRES

Owned microservices related to DNS, MySQL, health monitoring and an orchestration layer, all to build a reliable and secure web hosting software. Managed several utility libraries which parsed and validated popular configuration formats. Pursued an ongoing interest in process supervision and an actor model for asynchronous work in Rust. Developed a high standard of rapport and documentation for collaboration with remote teams.

2018–2019

GLOBAL SAVINGS GROUP, *Full-stack engineer*

NODE, TYPESCRIPT, VUE, JAVA, AWS, DEVOPS, HTTP REST

Built a browser extension framework with focus on message passing. Delivered an anomaly detection service. Owned analytics implementation and interpreted data for feature planning.

2017–2018

POUCH, *Full-stack engineer*

NODE, JAVASCRIPT, PHP, AWS

Worked on a browser extension and on data scrapers. Soon gained trust of CTO and replaced an outsourced team. Was a key tech team member when Pouch got acquired by Global Savings Group.

2015, 2016

8COMMERCE, *Summer internships*

PHP, SYMPHONY

Maintained and expanded an e-shop solution.

Other relevant work

- 2021 *Newsletter discounts*
RUST, DOCKER, KUBERNETES, AWS, PYTHON, MACHINE LEARNING
SaaS product which analyses incoming emails from eshops and extracts discount information from text and images. Works as a pipeline of several Rust binaries which pass messages via queues.
- 2021 *Jump rope assistant*
RUST, SIGNAL PROCESSING, BEVY, ECS
Performs FFT over a video input to track a frequency of jumping a rope. Graphs a curve representing the frequency.
github.com/bausano/jump-rope
- 2020 *suckless.hn*
RUST, SQLITE, DOCKER, AWS, HACKER NEWS, ARM
Website with an experimental architecture which filters Hacker News submissions.
github.com/bausano/suckless.hn
- 2019 *Find objects in images*
RUST, IMAGE PROCESSING
Re-upload of an early Rust project. (Wrote first Rust programs in 2018.) Spawns an HTTP server which finds objects in cartoon images.
github.com/bausano/harriet-vision-nursery

Education

- 2019 **BSc Computer Science**
Middlesex University London, London

Cultural fit

Chess player and a hard sci-fi fan. Looking for a collective which is professional in versioned controlled settings but easy going in their instant messaging correspondence.