Michael Bausano

Prague, Czech Republic

+44 75 999 06 380

michael@porkbrain.com

porkbrain.com
github.com/bausano?tab=repositories&language=rust

Distributed systems engineer proficient in Rust
RUST, DOCKER, MICROSERVICES, AWS

Commercial Experience

2021

LUMALY, *Consultant*
NODE, TYPESCRIPT, LANGUAGE DESIGN

Managed 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. Had a deep 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 projects

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 many patches of 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 projects. (Wrote first Rust programs in summer 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