Michael Bausano

Czech Republic

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

linkedin@porkbrain.com

manyagents.ai

Distributed systems engineer proficient in Rust
Rust, Docker, microservices, AWS, smart contracts

Commercial Experience

2024

ATOMA, *Move contractor*
blockchain, Move, Rust, Sui

Wrote smart contract for coordination of off-chain inference providers.

2023–2024

ENHANCE, *Rust backend contractor*
Rust, gRPC, Docker, microservices, Google Cloud, DevOps, Postgres

Most notably converted a 100k+ LoC codebase to async/await.

2021–2023

ALDRIN, LATER ORIGINBYTE, *Rust DeFi Team Lead*
blockchain, Solana, Sui, Rust, Typescript, Move, Anchor

Quickly obtained necessary technological skills for design, development and maintenance of Solana programs. Delivered features such as borrow lending, leverage yield farming, automatic market maker, concentrated liquidity, stable coin and others. Contributed to core trading concepts on Sui blockchain. 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

2024   *Game development*
RUST, BEVY, ECS

Working on a game in my free time.

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.

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.