Ilia Batii

Rust engineer / DevOps / Fullstack
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Profile

I'm contributing to various projects in the Starknet ecosystem. My main interests lie in DeFi, DevOps for protocol engineering, blockchain research, ZKP technologies for decentralised computation in connection to the gaming industry.

Currently, I'm looking for work as a **blockchain engineer** or **protocol engineer** or **rust engineer**.

I am a mathematician (with 5 years university training, bachelor degree) and generalist software engineer (>15 years of experience).

Recent Rust track record:
- Trading strategy backtester framework for Starknet (with python bindings) - link
- Starknet Devnet - support for custom datasources - link
- Starknet-rs - link

I've contributed to lots of projects across the Starknet. Please check my github for more details.

I've created:
- Cairo Fixed Point math library - link
- Simple rust server for calculating BTC/USD TWAP using data from Pragma oracle - link
- Auctions protocol in the TON ecosystem and auction making dApp(miniapp) in Telegram. link
- Trading strategy backtester framework for Starknet (with python bindings) - link

For those who understand:
NodeGuardians
OnlyDust
GitHub

I speak: Python, Kotlin, Golang, Cairo, Typescript, Rust and a bit of Solidity.

Track Record

Self-employed – London, UK
Protocol + dApp developer.
2024 - today
Building a strong profile in the crypto space. Pursuing entrepreneurial endeavors.

Zamna – London, UK
Founding Engineer focused on platform and product development.
2017 - 2024

SSI for the Airline Industry. We've built a secure (initially decentralised) ledger for storing facts about sensitive data without storing data itself. But allowing the party that knows the data to check against facts.

- Created and maintained cross cloud infrastructure using k8s in AWS and IBM cloud. Implemented various services in Golang to support our cryptographic protocol and Python to integrate computer vision systems.

EzHome – Palo Alto, US, Remote
Fullstack Developer. Growth Team
2016 - 2017

Uber for Gardeners and Home services in Silicon Valley.
Significantly improved user signup process.

Travelab – Indonesia, Bali
Technical Lead
2015 - 2016

Dynamic tour packaging solution. Query travel facility providers and assemble tours in real time according to user requests.
- Delivered project to production environment

emergingtravel.com / ostrovok.ru - Russia**,** Moscow
Tech Lead of Extranet Development Team.
2011 - 2015

One of the leading hotel booking providers. Currently - Emerging travel. Local Booking.com competitor.

- Designed and developed a high-load Extranet application, scaling the team from 2 to 7 engineers.

Education

Moscow State University of Railroad Engineering (MSU RE)
Specialist Degree (5 years) in **Applied Maths**
2003 - 2008

Contests

2025.04.28   **Tact Smart Battle**   rank**:** 125/665   rating: 1002.5