

YEVHENII SKREBTSOV

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SUMMARY

I am a Blockchain Engineer with a lifelong passion for programming.

In secondary school, we learned basic coding in Python, and it caught my eye. I decided that I wanted to become a Software Engineer. So, I participated in all the next school olympiads until the end, but sadly, I didn't get to qualify for IOI.

I discovered Ethereum at the end of high school, so I learned Go to dig into Geth(Go Ethereum) code. I began using the libraries Geth provides to interact with the Blockchain, starting with scripts to pull data from Ethereum, and I soon discovered such niche as trading bots.

After a while, I found Golang less efficient because it required writing considerably more code comparing to Rust. I began exploring existing Rust Ethereum projects and found out about Akula, which I decided to use for my bots at that time. I needed some of the RPC methods, which weren't yet implemented, so I made a pull request. After that, Artem, Team Lead of Akula, contacted me with an offer to work in the project with my main task would be the implementation of the downloader.

Later, after it was discontinued, I was able to use experience I learned while working on Akula in a new project, Ballet, a Rust node implementing Fantom's Lachesis consensus.

PROFESSIONAL EXPERIENCE

Fantom Foundation

Blockchain Engineer

Remote

February 2023 - March 2024

- Ballet a new Rust node implementing Fantom's Lachesis consensus.
- Architected and implemented a robust peer-to-peer (P2P) networking layer using the libp2p stack, not only enhancing network reliability and security against DDoS attacks but also enabling efficient data exchange among peers to improve blockchain synchronization and performance.

Erigon

Ethereum Core Developer

Remote

February 2022 - December 2022

- Development of Akula, Ethereum full node implementation written in Rust, benchmarked to be the fastest at the time.
- Engineered a highly efficient downloader for Akula.
- Implemented support for multiple sentry nodes within Akula, enhancing network scalability and resilience.

PROJECTS & OUTSIDE EXPERIENCE

Mettu

Remote

- Designed to track and analyze cryptocurrency transfers from centralized exchanges (CEX) to newly created wallets. It monitors all decentralized exchange (DEX) swaps conducted from these new wallets, which were initially funded by CEX transfers, to identify and study any emerging patterns.
- [Link to project](#)

Go Ethereum Fork

Remote

- Enhanced Go Ethereum with an additional TCP socket integration for real-time transaction pool. This modification is meant for trading bots it allowed to reduce latency and increase performance.
- [Link to project](#)

Ethereum Sniper Bot

Remote

- An Ethereum Sniper Bot that can instantly buy a token as soon as liquidity is added. It also uses smart contracts written in low-level EVM(Ethereum Virtual Machine) format.
- [Link to project](#)

SKILLS

Skills: Rust, Golang, C/C++, Ethereum, Ethereum Virtual Machine (EVM)