Anatolii Kurotych   Software Engineer

I'm a Software Engineer from Ukraine with leadership qualities, ambitions, and a background. More than 6 years of professional experience in startups and companies with legacy codebases where I used many different programming languages and technologies. Experienced GNU/Linux user, Open source contributor.

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in Linkedin	GitHub	🌐 kurotych.com

Skills

- Rust, C, C++, Python, Typescript, Javascript, Solidity, Lua, CMake, SQL Databases, Bash, Docker, AWS, CircleCI, Linux, Node.js, HTTP, SIP, SMPP, TCP/UDP, Multithreading, Linux System/Network programming.
- Project planning, Team management, Architecture development.

Work experience

Tech lead at Minterest

(10/21 — 04/23) 1 yr 6 mos

Achievements/Tasks

- Developed DeFi lending platform with a team from scratch to release (private launch)
- Participated in strategic tech discussions
- Provided blockchain (and web) architecture solutions. Wrote HLD, requirements, and diagrams.
- Collaborated with the team to propose and define the tech stack.
- Maintained project documentation using Confluence.
- Implemented CI/CD. Wrote CI jobs with **CircleCI**, **AWS** infrastructure via **Terragrunt**.
- Wrote and reviewed code in **Node.js with Typescript, Solidity, Javascript, and Bash.**
- Managed, planned, and groomed tickets.

Software Engineer (Rust) at Minterest

Achievements/Tasks

(03/21 — 10/21) 7 mos

- Developed polkadot parachain with **Rust and Substrate**
- Wrote and reviewed code in Rust

Software Engineer C/C++/Python at PortaOne

Achievements/Tasks

(06/19 — 02/21) 1 yr 9 mos

- Optimized and maintained high load SIP servers (C++) on Linux.
- Adapted of code to state-of-the-art approaches in C++, including new standard (**C++17**)
- Reduced service compilation time by several times.
- Developed framework to test services with **Python**.
- Improved services documentation.

Software Engineer C/C++, Team lead at Demlabs

Achievements/Tasks

(07/18 — 04/19) 10 mos

- Lead Developer and Team Lead of DiveVPN service (KelvinVPN now).
- Worked on Architecture design.
- Implemented FSM(Finite-state machine) that helped make the project more reliable.
- Wrote code for high-load sections.
- Prepared projects for beta releases on Linux, Windows, MacOS, Android.
- Implemented the principles of project testing and continuous integration solutions.
- Led and managed a team of ~5 developers.
- Contributed to cellframe-sdk.

Software Developer GoLang/NodeJS at EssentiaOne

Achievements/Tasks

(10/17 — 07/18) 10 mos

- Developed architecture design and wrote code for REST API web service to interact with different blockchains (Bitcoin, Ethereum, etc) and decentralized storages like Swarm(Ethereum)/IPFS/Storj by common API based on **GoLang**.
- Developed web service to interact with decentralized applications by REST API with **NodeJS**.

Software Developer C/C++ at Demlabs

Achievements/Tasks

(01/17 — 10/17) 10 mos

- Developed human-machine interface with **C++/Qt**.
- Fix bugs, increased performance for modules for Linux VPN server with **C**.
- Fix bugs, increased performance, and developed new features for client part of cross-platform VPN service with **C++/Qt**.

Education

[Lutsk National Technical University](#) (2019-2022)
Bachelor's degree in Software Engineering

[STEP Computer Academy](#) (2016-2017)
Software development course (1 year)

[Technical College LNTU](#) (2011-2015)
Associate's degree in Road transport.

Achievements

- The first implementation of Schnorr digital signature is not based on OpenSSL for open source community. It was [included](#) in the Trezor-Wallet project. Proved by copyright.

Personal projects

- [sqlant](#) (2022) - Generate PlantUML ER diagram textual description from SQL connection string
- [sipmsg](#) (2019) - Parse and validate SIP Messages according to RFC3261 with Rust.

Certificates and Recommendations

Can be seen on my [Linkedin page](#)

Languages

Ukrainian(Native), English(B1-B2), Russian(Native)