

Alan Urmancheev

Software Engineer and DevOps

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Skills

Technologies: Linux, Git, Docker, Nix, SQLite, Makefile, computer networking, systemd.

Programming languages: C, Go, Bash, JavaScript, Python, Rust.

Languages: C1 English, fluent Russian.

Education

In IT since 2019. Studying for a bachelor's degree at the [programming school 42](#) for the third year.

Work experience

Inango, January 2023 – April 2023

Software Engineer

- Wrote a C memory profiler utilizing `/proc/$pid/maps`. It has been used to analyse memory patterns in a service.
- Integrated TLS between a company service and a MQTT broker using C, Go, and OpenSSL.

Personal projects

- A [plugin](#) for the Acme text editor for viewing JSON in (Go).
- An [interpreter](#) for a simple programming language (Go).
- A [website](#) to display faces of 42 school students next to their nicknames (Makefile, Bash, Go, Nix).
- A primitive [DNS server](#) (Rust).
- A [browser extension](#) which adds a shortcut to quickly add a tab to the reading list (JavaScript).
- A [utility](#) to quickly open a LeetCode problem given its number (Python).

Have a technology focused [Telegram blog](#), have given talks at various hackerspaces ([1](#), [2](#), [3](#)).

Open source

Contributed fixes to Go ([1](#)), Dart ([1](#), [2](#)), Nushell ([1](#)), Pallene ([1](#)), json-c ([1](#)), Upspin ([1](#)).