

Fedor Kanin


Data Engineer

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 Prague, Czech Republic

 Israeli citizenship



WORK EXPERIENCE

Data Engineer | [CDN77](https://cdn77.com) | Nov 2024 – Present

- Developing various Go microservices communicating with RabbitMQ, ClickHouse, Kafka, Elasticsearch, Redis, CockroachDB, MySQL.
- Creating complex integration tests simulating network failures with Testcontainers and ToxiProxy.
- Debugging and profiling with Delve, net/pprof.
- Writing Ansible roles.
- Writing package-related stuff: deb scripts, systemd unit files.
- Setting up metrics and alerting with Prometheus and Alertmanager.
- Writing GitLab CI pipelines, setting up DinD.

PROJECTS

CLI Table Editor | C++ | github.com/fedorkanin/tabedit

- Created a CLI table editor that features arithmetic operations, dynamic formula evaluation, and import and export to JSON.
- Used modern solutions like static polymorphism via C++17 features.

Other features:

- Doxygen for automatic documentation generation.
- Makefile with dependency lists generation for effective recompilation.

Sudoku Solver | C | github.com/fedorkanin/hexadoku

- Created a 16x16 hexadecimal sudoku solver rated the best in speed at my university.
- Used and improved Donald Knuth's Algorithm X for exact cover problem solving.

ABOUT

I am an enthusiastic third-year Artificial Intelligence student at [FIT CVUT](https://fit.cvut.cz). With a strong foundation in programming and mathematics, my key skill lies in Go and Python development, complemented by a broad knowledge of various programming languages. I am passionate about learning new technologies and staying up to date with the latest advancements in the field. I care about code quality and readability, which makes me an effective team member. I'm good at co-development, blending technical, teamwork and communication skills.

SKILLS

Go
sqlc
gqlgen
Testcontainers
pprof
C/C++
Makefile
Doxygen
g++
Python
SQL
Ansible
Prometheus
Docker
Linux
Git

LANGUAGES

English - C1
(Cambridge certificate)
Czech - C1
Russian - Native
German - A2
Spanish - A2

EDUCATION

B.S.
Computer Science,
specialization in Artificial
Intelligence
Czech Technical University
Prague
Sep 2022 – Jun 2025

Secondary
Lyceum,
IT-specialized class
2017 – 2020