Ivan Frolov

Software Developer

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Professional Summary

My journey to Computer Science started back in school where I learned a lot about data structures and algorithms, and later dived deep into learning different programming languages and technologies. My curiosity let me to competitive programming contests, team projects and open-source contributions.

Skills

Programming Languages	Rust ○ Python ○ C ○ C++ ○ JavaScript
Frameworks and Tools	Rocket ○ Actix Web ○ Flask ○ NGINX ○ Docker ○ VIM ○ Git ○ Jira ○ OpenVPN Server
Data Bases	Oracle ○ PostgreSQL ○ MySQL ○ SQLite ○ MongoDB
OS	MacOS ○ Linux
Languages	English (fluent) ○ Ukrainian (native) ○ Russian (native)

Experience

Open Source Contributions

2020 – today — **GitHub Contributions**, *https://github.com/frolvanya*

I developed and contributed to backend services, libraries, console utilities for NEAR blockchain, Telegram bots, web services, and load testing tools. I also maintained my own servers and set up service monitoring.

3dEYE (3deye.me), Toronto, ON

01.04.2022 – 30.08.2022 — **Software Developer Intern**, remote

Simplified the initial configuration of the device for the user, and learned how to operate with GPIO to implement an indication on the device.

Education

2022 – 2026 — **Bachelor's Computer Science**, *Kharkiv National University of Radio Electronics*
– Computer Science, C++, OOP, Databases, Operation Systems design

2022 – 2024 — **Ontario College Diploma**, *Seneca College*, Computer Science
My current GPA: 3.7
– Computational thinking, C/C++, OOP, Databases, Linux/UNIX

2014 – 2022 — **Q-bit**, *Ukraine*, Kharkiv Computer Courses
I learned algorithms and data structures using Rust, Python, and C++.
– Algorithms & Data Structures, Rust, Python, C++, Ubuntu Linux

Other

Volunteering: Volunteered at KiberOne School (Vienna, Austria) as a Junior Software Developer (remote) and developed a manager that works using OpenAI api, scraping facebook leads and WhatsApp webhooks for managing KiberOne IT School for 2 months (2023).

Work Permit until: 25.05.2025