

# Semyon Moroz

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## Summary

Results-oriented and detail-driven Software Engineer with a focus on open source projects. Bringing creativity to problem-solving, I've cultivated valuable experience in crafting solutions that make a difference. Committed to collaborative development and eager to contribute to the tech landscape. Seeking opportunities to contribute technical expertise and enhance software development processes.

## Technical Skills

**Languages:** Python, JavaScript/TypeScript, SQL, Shell

**Frameworks:** FastAPI, Flask, Aiogram, Selenium, React/Next.js

**Databases:** PostgreSQL (PgBouncer), Redis, MongoDB, Prometheus

**Libraries:** Asyncio, Aiohttp, SQLAlchemy, Alembic, Celery, Telethon, Loguru, Ruff, MyPy

**Developer Tools:** Git, Docker, Docker Compose, Sentry, Amplitude, CI/CD, Grafana

## Experience

**Freelance**, Software Engineer

Oct. 2021 – Present

- Developed REST API, bots and parsers and refactored legacy code.
- Deploy applications and databases manually in Linux and using Docker.

## Projects

**Telegram Bot Template** | Python, SQLAlchemy, PostgreSQL, Redis, Prometheus, Docker

2021 – 2024

- Developed a template for telegram bots with all the things necessary for a serious application: Admin Panel, System Analytics, exporter to Prometheus, PgBouncer, Sentry, Docker, CI pipeline, ORM, migrations, caching using Redis and i18n.

**Platform to share markdown files** | TypeScript, React, Next.js, MongoDB

2022 – 2023

- Developed a [web application](#) that allows you to store and share your markdown files.
- This was my first experience writing frontend, don't judge strictly. .

**Contributed to TheAlgorithms/Rust** | Rust, Git, Github Actions

2021 – 2022

- Contributed to a popular github repository with algorithms implemented in Rust. Implemented sorting, searching and mathematics algorithms.

## Education

**Bauman Moscow State Technical University**, Rocket Engineering

2021 – 2023