

Dmitrii Stegailo

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Professional Summary

Backend engineer specializing in scalable microservice architectures with Python, Rust, and Golang, presenting high-load, efficient, and production-ready systems.

CAREER HIGHLIGHTS

- Completed solo development for 40+ small and medium-sized projects over 3 years, ensuring quality and timely completion.
- Explored and applied multiple programming ecosystems and paradigms to optimize solutions.
- Implemented and tested diverse industry architectural principles in real-world business applications.
- Led a 5-person team including designer, frontend, and backend developers to successful project delivery.
- Developed complex multi-stack projects combining Python's elegance with Go and Rust's performance.
- Maintained extensive client-oriented experience on C2C basis, simplifying technical challenges, planning resources, and addressing client needs effectively.
- Skilled in both adding new features and maintaining legacy codebases for sustained product reliability.

TECH STACK

Python

Rust

Golang

JavaScript/Typescript

NoSQL DBMS

PostgreSQL

Kafka/RabbitMQ

Celery/Dramatiq

PROFESSIONAL EXPERIENCE

01/2023 – present
Toronto, Canada

Freelancer Self-employed

Client Acquisition & Project Delivery:

- Secured first clients in final year of high school by completing small projects to build portfolio
- Delivered 40+ commercial projects independently to date

Server Management & Optimization:

- Set up and manage ~30 client servers personally or with team support
- Improved architecture to reduce client costs by ~40% using Docker resource limits and internal networking for load balancing on a single machine

Client Engagement & Analysis:

- Drove strong client engagement through thorough analysis before project kickoff

07/2024 – 12/2024
Krasnoyarsk, Russia

Technical lead

Ex24.pro, Unix.global, Sunriseex.ru, Ula.global

Leadership & Management:

- Served as CTO for a group of finance-related companies, driving technology strategy and operations.
- Managed a network of 5 VPS to ensure highly reliable IT services across client companies.

IT Infrastructure & Development:

PROFESSIONAL EXPERIENCE

- Built complete IT infrastructure from the ground up for multiple client companies.
- Developed a landing site with a delivery cost calculator using ReactJS and ExpressJS, integrating cargo-rate data to optimize client logistics.

07/2024 – 10/2024
Krasnoyarsk, Russia

Technical lead Spin2Win

- Led team to build entire casino application from scratch using Go, Redis, and MongoDB
- Developed a highly efficient game theory engine with configurable probabilities for realistic casino scenarios
- Designed architecture achieving ~5k RPS on a 2-core, 4 GB VPS using “Single Query” benchmark with plain MongoDB and 3 shards
- Implemented Crypto Trading features for virtual currencies based on real-world prices
- Created pipeline delivering market rates to players with max 1.05-second delay from live data, optimizing game responsiveness

EDUCATION

2021 – 2023
Zheleznogorsk,
Russian Federation

High school Talented kids school

- Admitted to the 93rd best math and physics school in Russia, recognized as the top-ranked school in Siberia → Passed all required entrance exams
- Graduated with an average mark of 4.1 out of 5.0

2023 – 2026
Toronto, Canada

Computer Programming and analysis | Advanced Diploma Degree George Brown College

- Nominated four times for the Dean’s Honor List.
- Maintained a cumulative GPA of 3.69.

CERTIFICATIONS

First Programs using Python

Completed “First Programs using Python” course in final year of high school

Introduction to programming (C++)

Self-studied the “Introduction to programming (C++)” course independently

Web Parsing using Python

Pursuing independent study of the “Web Parsing using Python” course to develop advanced data extraction and automation capabilities.

Rust – programming language basics

Self-studied the Rust – programming language basics course to build foundational skills.

Codewars lvl 3

Achieved 3rd level (1379 Honor) on Codewars.com, ranking in the top <3% percentile overall. Demonstrated strong proficiency across multiple languages. Member since April 2022.