



German Gritsenko

Software Engineer

Almaty, Kazakhstan
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↔ [GitHub](#), [Telegram](#),
[Linkedin](#)

Skills

Python, Go
REST, Websockets, gRPC
FastAPI, Django, DRF
Unit, Integration testing
PostgreSQL, MySQL,
ClickHouse
SQLAlchemy
Redis
Kafka, RabbitMQ
Celery, Dramatiq, TaskIQ
CI/CD
Kubernetes
Docker, Docker-Compose
Linux

Languages

English

Russian

Hobbies

My hobbies: working out,
cooking, sometimes writing
poetry.

Employment History

Senior Software Engineer, Freedom Holding, Almaty

May 2024 — Present

Developed and deployed microservices in Kubernetes for seamless integration with various providers, including Google, Dow Jones, SumSub, Tradernet, Adata, and others.

Developed a robust monitoring system for tracking bank transfers.

Engineered and launched a dedicated domain for handling banking requests, streamlining application processing.

Set up Camunda to manage and automate business processes.

Pioneered Domain-Driven Design implementation (the first such example in the company), significantly improving maintainability and scalability.

Achieved 90% test coverage, ensuring high reliability and performance across all features.

Senior Python Backend Developer, LIIS, Saint Petersburg

August 2023 — May 2024

Took ownership of a comprehensive user management system, which involved unifying user management capabilities with Single Sign-On (SSO), ensuring seamless access and heightened security within our ecosystem.

Designed and implemented an advanced gRPC-based microservice to optimize system integration with Google, Yandex, and other major external APIs.

Integrated Kubernetes deployments with CI/CD pipelines to enhance operational efficiency and scalability across all products.

Covered all key features with thorough unit and integration tests.

Middle Python Backend Developer, FinPay, Saint Petersburg

October 2022 — August 2023

Engineered and deployed processing systems utilizing Qiwi and Stripe, introduced to facilitate the disbursement of funds to the borrower's card and to accept loan repayments.

Implemented a tracing system for company services using OpenTelemetry with Jaeger.

Developed a system for analyzing debtor loans, utilizing ClickHouse as the underlying database technology.

Implemented CI/CD for a 10-year legacy project, set up the testing process, making it easier by dynamically creating application instances.

Implemented sms mailing for debtors notifying and loan calculation services.

Python Backend Developer, EdTech company «Online Gymnasium 1»

September 2021 — September 2022

Established the core functionality of a learning school platform offering both free and paid courses.

Engineered a flexible schedule compiler to organize classes for the entire year, incorporating features for postponing and canceling classes. The system also accommodated various types of lessons.

Developed asynchronous service that monitors students connected to an online lesson and allows you to get their statistics, or disconnect them from the call using Websockets.

Covered at least two thirds of all unit and integration tests for the project.

Implemented CI/CD pipelines for new services.

Python developer, Freelance, Saint Petersburg

March 2021 — September 2021

Refactored legacy code base for an online store, improving performance, security, and adding new features for enhanced user experience.

Implemented CI/CD process and covered with tests of the online store.

Developed Telegram bots of varying complexity using aiogram, streamlining user interactions and task automation.

Education

Bachelor, Engineering .Saint Petersburg State Electrotechnical University LETI, Saint Petersburg

September 2021 — February 2023

Laser measuring navigation systems.

Courses

Python BootCamp by ChigrinDigital

January 2021 — March 2021

Devops, Yandex Praktikum

December 2022 — September 2023

English for developers, Yandex Praktikum

August 2023 — Present