Vadim Gorbachev

Software Engineer | Python Go
Puerto Princesa, Philippines

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github.com/ProstoyVadila

Work experience

Salmon, Manila — Filippino bank

September 2024 - March 2025
Senior

Developed and deployed ML risk models using AWS Lambda for a POS product, ensuring seamless integration into production. Built and maintained a Feature Store and Models API Service to support risk assessment and Decision-Making System crucially improving maintainability. I Implemented new features to enhance model performance and streamline operational processes. Maintained internal risk services critical for feature calculation, ensuring data consistency and reliability. Contributed to the successful launch of the credit line.

salmon.ph
Stack: Python AWS Lambda k8s Postgresql Kafka Terraform

Tetrika School, Moscow — Ed Tech Company

Redesigned and optimized a WebSocket microservice handling real-time lesson communication, reducing disconnections and improving scalability. I dove deep into protocol itself and its different implementation in Go, Python and Rust. Researched pros and cons of using epoll mechanism. Finally I implemented a new WebSocket service in Go using Centrifuge, significantly lowering resource consumption and resolving scaling limitations of existed solution in Python. I Integrated video providers and other lesson-related actions and helped with external gRPC API communicating with VK teams.

April 2024 - September 2024
Senior

Strengthened and optimized CI/CD by adding linting and database schema checks. Updated Helm configurations with new Prometheus metrics and set up Grafana dashboards. Developed and maintained external API integrations for payments, CRM, and marketing, improving operational efficiency.

June 2022 - April 2024
Middle

Enhanced system reliability by fixing critical issues like duplicated messages, lost connections, and data consistency problems in the analytics pipeline. Refactored old components to use pure Aiohttp and Pydantic, improving maintainability. Implemented geographical validation (phone, IP, email) for regional pricing analytics.

May 2021 - June 2022
Junior

tetrika-school.ru
Stack: Python Go K8s Docker Postgresql SQS Redis Grafana Prometheus Loki

Sberbank, Moscow — Russian Bank

September 2020 - May 2021
Intern, Junior

I took part in developing ETL pipeline for price evaluation of real estate and vehicles by collecting data from Russia and neighboring countries classified ads platforms for Risk Managment department. I implemeted new parsers into our crawler microservice based on rewritten Scrapy framework. Added new features and fixes to proxy microservice (Flask) and ORM service using SQLAlchemy. I had experience using GitLab CI and Jenkins. Did some data cleaning and data analytics using Pandas and pure SQL.

sberbank.com
Stack: Python Docker Postgresql Memcached RabbitMQ Kibana Prometheus

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Backend Software Developer
Puerto Princesa, Philippines

Side projects and jobs

Semsomi AB, Stockholm — Monok Product

A 3-month project during the weekends. I was setting up docker containers for python and nodejs workers in ML startup. I wrote docker compose files and scripts using Bash and Python.

monok.com

Stack: Docker Elasticsearch MongoDB RabbitMQ NextJS

June 2021 - September 2021
DevOps Engineer

Parsera — web scraping platform

A pet project of a scalable and efficient 24/7 crawler platform based on miscroservices architecture. The main idea is to make a process of adding new parsers to the system and their configuration available through a website or api. Services are written in Python, Go and Rust. The project was started to increase my knowledge in system design and to become better acquainted with Go and Rust frameworks and other technologies.

source page

Stack: Docker Postgresql RabbitMQ Redis

August 2023 - until now

Goproj — CLI tool

A simple CLI tool to initialize Go projects with customizable default folders and files. Such as already prepared go.mod, Dockerfile, Makefile, License, ignore files. It allows to do it using arguments, or in interactive mode, or using already created default config file. It includes Git and VS Code initialization. The main idea is to decrease time of configuring project

source page
Stack: Go

August 2023

Education

Incomplete higher education
Lomonosov Moscow State University - physics department
Bauman Moscow State Techinal University - technical physics

2015 - 2016
2018 - 2020

Area of interests

I am passionate about trying new technologies and learning new languages. I am writing some pet projects in Go, JS and Rust, studying system design and approaches to build efficient data-Intensive applications. I want to increase my knowledge about frontend development and devops to get a greater perspective on my own area and development process in common.

Hobbies

I like design and the field between art and code, studying touchDesigner right now. I created logotypes and posters as a freelancer with my wife. My weird hobby is researching rare music artists. I do love driving a motorbike and want to try scuba diving and surfing :)