

Backend Developer

GAZIEV NODIRJON

nodaa.gaji@gmail.com | linkedin.com/in/ames0k0 | github.com/ames0k0 | telegram.me/ngaziev

EXPERIENCE

Backend Developer

Jan 2025 – Apr 2026

Project: Cross-Platform Social Media Analytics & Audience Insights Tool

Remote

- Developed an async Python-based ETL architecture for social media parsing, implementing background task processing via RabbitMQ/TaskIQ and AI-driven profile segmentation using OpenAI and Google Gemini.
- Technical Stack: Python, Taskiq, RabbitMQ, OpenAI, PostgreSQL, aiohttp, Docker Compose

Project: VPN Service Provider

- Developing a scalable and secure VPN service with centralized user and session management.
- Technical Stack: Python, Flask, FastStream, PostgreSQL, Redis

Project: Social Media Content Scheduler

- Developed a web application for scheduling any type of content — posts, photos, and videos — across social media platforms, as well as an AI-powered service for automatically generating engaging video thumbnails.
- Technical Stack: Python, FastAPI, OpenAI, Celery, PostgreSQL, Redis, Docker Compose, Yandex Cloud

Project: Order, Inventory & Warehouse Logistics Platform

- Designed and developed a web application for end-to-end management of order processing, inventory, and warehouse logistics, while leading a team of developers.
- Optimized the ETL pipeline using asynchronous programming and data caching, reducing processing time by over 90% — from 72 to 6 hours.
- Technical Stack: Python, FastAPI, Aiogram, OpenAI, asyncio, Celery, PostgreSQL, Redis, Docker Compose

Project: Fire Alarm Monitoring and Control System

- Developed a web-based virtual console interface for managing a fire alarm system and wrote diagnostic scripts to monitor sensor status and ensure operational reliability.
- Technical Stack: Python, JavaScript, Bash, Flask, HTML, CSSProject

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Aug 2022 – Apr 2024

SKYTRACK

Full-time, Russia

- Developed and maintained a real-time streaming video monitoring platform with IoT device control, integrated with ML-powered video analytics for object detection and event recognition.
- Designed and implemented a centralized logging and monitoring system based on the ELK stack, covering the full stack — from Kubernetes clusters to microservices and web applications.
- Built a secure database admin panel with strict authorization and confirmation workflows for critical operations to prevent human errors and unauthorized data modifications.
- Technical Stack: Python, FastAPI, Django, WebSockets, ClickHouse, PostgreSQL, Redis, Kubernetes, Docker Compose, Nginx, GitLab CI/CD, Locust, pytest

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Mar 2019 – Nov 2021

Special Steels and Alloys

Full-time, Russia

- Designed and built from scratch a market intelligence system for stainless steel pipes and metal products, featuring an ETL pipeline and a web dashboard for real-time price and assortment monitoring.
- Developed a B2B tender platform enabling managers and suppliers to create tenders, exchange data, chat, evaluate bids, import/export documents, and receive email notifications — improving procurement transparency and efficiency.
- Built web applications for nationwide warehouse inventory management and A/B testing of pricing strategies.
- Deployed a highly available cloud infrastructure on AWS with automated data archival, complemented by a local environment for development and testing.
- Technical Stack: Python, JavaScript, Flask, Keras, Pandas, Matplotlib, HTML, CSS, Bitrix24, PostgreSQL, MySQL, AWS, Nginx, Bash, systemd, crontab

ADDITIONAL INFORMATION

Technical Stack

Python, FastAPI, Flask, Django, JavaScript, Golang, Celery, PostgreSQL, MongoDB, Redis, Apache Kafka, RabbitMQ, AWS, Yandex Cloud, ELK Stack, Kubernetes, Docker Compose, Nginx, CI/CD

Foreign Languages

Uzbek – Native, Russian – Full professional proficiency (C1), English – Limited working proficiency (B2)

Education: Secondary Special

Aug 2013 – Feb 2016

The Moscow Region State University's Fryazino branch – FFMGOU