

Renat Azibaev

Almaty, Kazakhstan (willing to relocate)
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Senior Backend Developer with over 5 years of experience specializing in Python development, including extensive work with Django, DRF, and FastAPI. Proven track record in optimizing complex algorithms, refactoring legacy code, and leading backend projects from inception to deployment. Good experience in integrating machine learning models and improving code efficiency. Strong collaborator with excellent communication skills, always eager to learn and implement new technologies.

PROFESSIONAL EXPERIENCE

Senior Python Developer, VRUniblock

Almaty, Kazakhstan
Sept. 2023 – Present

- Worked as backend programmer, main stack: Python + FastAPI + SQLAlchemy
- Wrote compression algorithm for VR, that improved overall video compression by 15 %
- Refactored algorithms of ray tracing and radio transmission
- Built a lot of web-based models for visualization (and control FPGA/micro PC)
- Wrote a model for ray tracing based on Python with corrected errors and refraction problems
- Developed models for data compression
- Set up the infrastructure from scratch (CI/CD, containerization)

Senior Python Developer, Goldenseed

Remote
Nov. 2022 – Sept. 2023

- Worked as lead in an outsourcing company with projects mainly in SEA (Indonesia, Singapore).
- Led team of 3 backend developers
- Usual stack: FastAPI, Sqlalchemy, Postgresql, Pydantic
- Created backend for web and apps from zero, and refactored a lot of legacy code

Backend Python Developer, Tensor

Remote
Mar. 2022 – Nov. 2022

- Tensor is the second-largest company in the field of document automation in CIS
- Worked in an internal team engaged in the processing of work events (like scheduling, salary payment and meetings)
- Wrote lots of async/sync scripts with 100% test covers
- Rewrote legacy code to microservices. Fixed lots of old bugs, reduced server loads

Python / Lua Developer, Geoscan

Moscow, Russia
Nov. 2020 – Mar. 2022

- Geoscan is the largest drone manufacturer in Russia
- Worked in 2 related development teams: education and aerial photography
- Education: Created a Django-based website for conducting school olympiads/events. Wrote lots of tests, unit/load. Improved and optimized drone API, created a swarm of drones on TensorFlow + OpenCV
- Aerial Photography: Worked on a big project related to the streaming processing of photos from a flying wing (sometimes in onboard processing).

EDUCATION

Higher School of Economics

Bachelor's degree, Communications and Information Technology

Moscow, Russia
Sept. 2017 - May 2021