

Khusan Ibrokhim

Software Engineer

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Summary

Software engineer with over 3 years of experience, specializing in backend web development with Django, Fast API, and PostgreSQL. Skilled in API development, big data optimization, and system performance tuning. Currently at the Statistics Agency of Uzbekistan, building scalable systems. Passionate about open-source, backend architecture, and learning GoLang.

Education

Tashkent State Transport University

Tashkent, Uzbekistan

B.S. in Economy (Remote)

Oct 2022 – Current

- Courses: Focus on Algorithms, Data Structures, Operating Systems, Web Programming and Databases.

Work Experiences

Statistics agency of Uzbekistan

Tashkent, Uzbekistan

Software Engineer | Backend Developer (Part-time)

Feb 2024 – Current

- Developed a **GIS project** using GeoDjango to display statistical data on population and gender distribution by region, improving geospatial data visualization and accessibility.
- Updated an old Django project from version **2.2** to **5.0** by implementing database indexing and query optimization, reducing query execution and enhancing system performance. The frontend was rewritten in Jinja, leading to a more modern and user-friendly design.
- Developed a Unified State **Register** for organization registration, streamlining data management and improving accessibility for government entities.

Tashkent, Uzbekistan

Freelance (Outsourcing)

Oct 2022 – Current

Software Engineer | Backend Developer (Remote)

- An innovative solution for the traditional letter system. The triumf-express.uz now generates letters based on the required names and addresses, eliminating the need for a large workforce and millions of handwritten letters.
- [Prorun](https://prorun.uz) platform that organizes mass running events in Uzbekistan. Developed the system to streamline event management, participant registration, and timing solutions, contributing to the growth of the local running community.

Projects

Sayyod Taxi

In Uzbekistan, taxi services for regions are not well developed, so people traveling between cities usually use Taxi Telegram channels. There are dozens of such channels, all doing the same thing. Since there are too many, I wanted to combine them into one system and created a bot. Right now, this project is in the MVP stage, but in the future, it could reach the level of Yandex Go or even beyond.

Skills

Proficient: Python, JavaScript, PostgreSQL

Technologies and Frameworks: Django, Fast API, Linux, Nginx, Git, Pandas, Calary, Redis, RabbitMQ, Websocket, Unit Testing, Postman

Languages: Uzbek (Native), English (B2), Russian (A2)

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