

SAADAT SULTANALIEVA

Python Backend Developer | FastAPI | Django

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Experience

Backend Developer | FastAPI | Django [HLTH LAB](#) *Remote, Connecticut, USA* **09/2025 - 01/2026**

- **Integrated wearable device data** into the core platform, enabling real-time tracking of user biometrics.
- **Developed a body analysis API** that processes user health metrics recorded via mobile to generate personalized health plans tailored to each user's body data.
- **Designed and implemented an AI-based alert system** for RHR (Resting Heart Rate), HRV (Heart Rate Variability), and sleep metrics.
- **Built and deployed a REST API for the Caloric Balance screen**, integrating wearable data to track calories consumed and burned, with AI-based personalized nutritional insights.

Backend Developer | FastAPI [Sirius.expert](#) *Hybrid, Chisinau, Moldova* **11/2024 - 02/2025**

- Created efficient Docker-based deployment pipelines using Github Actions.
- Migrated the project to asynchronous architecture, converting database queries and HTTP calls to async/await pattern.
- Developed invoice management API.

Backend Developer | Django [DATAWAY](#) *Onsite, Bishkek, Kyrgyzstan* **07/2024 - 09/2024**

- Implemented a real-time chat between conference attendee and support managers using Django Channels.
- Developed and integrated SMS and email delivery systems.

Backend Developer, Contractor [WORLDS GAMING CORP.](#) *Remote, New York, United States* **06/2023 - 06/2024**

- Developed no-code gaming infrastructure tool: Worlds Dashboard.
- Implemented OAuth-based user login with Steam integration.
- Developed game builds' upload history logs using AWS Lambda and AWS S3 triggers.
- Implemented automatic transcriptions of Discord voice calls using Deepgram speech-to-text api.

Contributor [Google Summer of Code @ Apache Beam](#) *USA* **05/2023 - 08/2023**

Worked on an AI-Based Autocompletion Plugin for apache beam library:

- Fine-tuned the StarCoder model using Apache Beam code samples, significantly improving code autocompletion accuracy.
- Worked on IntelliJ Idea plugin in Java.

Backend Developer | FastAPI | Django [Reviro.io](#) *Bishkek, Kyrgyzstan* **09/2021 - 03/2023**

SnapSome - a marketplace for high-value items that are trackable:

- Built a real-time chat system using WebSockets to streamline buyer-seller communication.
- Integrated social media verification (Instagram, Reddit, Flickr, Twitter) to enhance user credibility and trustworthiness.
- Implemented verified item transactions to ensure authenticity and safety for users engaging in high-value exchanges.
- Implemented an item offer system that allows buyers and sellers to negotiate prices, increasing engagement and conversion rates.
- Boosted website performance by implementing a Read-Through caching pattern with Redis to cache main page banners.

NaviTaxi - an online taxi app with 30k+ active users:

- Developed a role based access control system for Admins of the taxi service.
- Implemented push notifications for key events.

Skills

- **languages:** Python3 | Javascript | SQL | PostgreSQL
- **back-end:** FastAPI | Django | Celery | Redis | RabbitMQ | SQLAlchemy | Docker | Docker Compose | Github Actions | Google Cloud
- **front-end:** HTML5 | CSS | TailwindCSS

Education

Bachelors of Arts, Software Engineering – 2019-2022 – NOT COMPLETED

