

SHODMON XOLMURODOV

Python Backend Developer

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PROFILE SUMMARY

Python Backend Developer specializing in scalable architectures, AI integrations, and high-performance web services. Highly proficient in FastAPI, Django, and asynchronous programming. Experienced in orchestrating LLMs, developing robust Telegram bots, and optimizing PostgreSQL databases. Mathematics graduate with strong analytical problem-solving skills, adept at delivering end-to-end technical solutions and deploying containerized applications within collaborative or independent environments.

TECHNICAL SKILLS

- **Backend & Frameworks:** Python, FastAPI, Django, Django REST Framework, Asyncio, REST APIs, SQLAlchemy
- **AI & Integrations:** OpenAI API, LLM Orchestration, Prompt Engineering, Telegram Bot API, External APIs
- **Databases & Caching:** PostgreSQL, Redis, SQLite
- **DevOps & Tools:** Docker, Docker Compose, Linux, Git, GitHub, CI/CD, System Monitoring
- **Languages:** Uzbek (Native), English (B2)

PROFESSIONAL EXPERIENCE & PROJECTS

Python Backend Developer

Freelance & Independent Projects

Tashkent
2025 – PRESENT

Student Knowledge Hub | *FastAPI, PostgreSQL*

- Designed the core routing and database architecture utilizing FastAPI and LLM orchestration.
- Delivered a comprehensive educational ecosystem through active teamwork, integrating a frontend app, Telegram bot, and backend APIs.

Ticket Tracking Telegram Bot | *Python, Asyncio, httpx, Docker*

- Engineered an asynchronous web scraping and tracking bot utilizing `httpx` to optimize HTTP request speeds and handle real-time data.
- Containerized the application environment using Docker to ensure seamless production deployment and reliable background execution.

Telegram AI Moderation Bot | *FastAPI, OpenAI API, Prompt Engineering, Docker*

- Deployed an async OpenAI moderation bot to effectively filter scam messages and enhance community security.
- Applied prompt engineering techniques and maintained high application uptime via proactive Docker log monitoring.

Custom API Development (Freelance) | *Django, Django REST Framework (DRF), PostgreSQL*

- Developed robust and scalable web services using DRF to ensure efficient data processing.
- Optimized complex database queries for varied client requirements, significantly improving backend performance.

EDUCATION

NATIONAL UNIVERSITY OF UZBEKISTAN

Bachelor of Science in Mathematics | GPA: 4.1/5

Tashkent, Uzbekistan

2022 – 2026