

SHOHJAHON RAJABOV

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📄 SUMMARY

Hello! I am a Python developer currently living in Tashkent, Uzbekistan, specializing in back-end development. At present, I am a 5th-year student at the Tashkent University of Information Technologies, majoring in Computer Science and Software Engineering.

I have over 1 year of experience in building scalable web applications, REST APIs, and automation tools using frameworks such as FastAPI, Django, DRF, along with PostgreSQL as the main database. In addition, I am capable of developing powerful Telegram bots, as well as creating reliable web scraping solutions based on self-managing and data-processing ecosystems.

Currently, I am actively expanding my knowledge in the field of Artificial Intelligence (AI). So far, I have developed support chatbots for organizations and automated management systems integrated into backend infrastructures. My key AI-related skills include Natural Language Processing (NLP), text generation, OpenAI API, AI integration with FastAPI, and building AI-powered chatbots and deploying them into backend systems.

💼 WORK EXPERIENCE

Najot Ta'lim (Robbit)

Python & Robotics Mentor (Full-time)

📍 Tashkent

May 2025 - Aug 2025

- Taught programming, robotics, and engineering fundamentals to children (ages 6–15) using Scratch, Arduino, and LEGO Mindstorms.
- Designed and delivered interactive learning projects that boosted problem-solving, creativity, and teamwork skills.

Adjaster UZ

Full Stack development (Full-time)

📍 Tashkent

Jan 2025 - Apr 2025

- Developed websites and advanced Telegram bots to automate workflows and improve business efficiency.
- Built intuitive user interfaces and scalable backend systems to enhance client communication and streamline processes.

Freelance

Individual, Freelance (Part-time)

📍 Tashkent

May 2025 - Aug 2025

- Delivered custom Telegram bots, automation tools, and e-commerce solutions tailored to specific client requirements.
- Provided optimized technical solutions that simplified workflows, increased reliability, and improved user engagement.

Prime Education

Python Mentor (Part-time)

📍 Tashkent

Sep 2023 - Apr 2024

- Guided students step by step through Python fundamentals and introduced them to real-world projects.
- Enhanced students' programming confidence with practical exercises and hands-on lessons.

EDUCATION

Tashkent University of Information Technology
B.Tech – Computer Engineering (ECE)

📍 Tashkent
2021 - 2026

- Majors: Computer Engineering, IT Services, Information Security, Multimedia Technologies
- Focus: Backend Development, Software Engineering, and Applied AI

PDP Academy
Python

📍 Tashkent
2022 - 2023

- Python Programming & Backend Development (Certification Course)

Certifications

Individual / Self-paced learning

📍 Tashkent
2023-2024

- Mastering REST APIs with FastAPI – Coursera (Packt Publishing)
- Python Backend Development – PDP Academy (International Certificate)

SKILLS

Technical Skills:

- Backend Development: Python (OOP), Django, Django REST Framework, FastAPI, Pydantic
- Asynchronous Programming: asyncio, aiohttp, httpx, async/await
- Databases & Migrations: PostgreSQL, SQL, SQLAlchemy, Tortoise ORM, Alembic
- APIs & Integrations: RESTful API, Telegram Bot, JWT, OAuth2, Swagger (OpenAPI), Postman, Web scraping, Data parsing
- Deployment & DevOps: Docker, Docker Compose, Nginx, Uvicorn/Gunicorn, CI/CD, Git, GitHub, Linux server administration, AWS (basic)
- Caching & Background Tasks: Redis, Celery
- Frontend (Basic): HTML, CSS

Languages:

- **Uzbek** - Native
- **English** - Intermediate (B1)
- **Russian** - Basic (A1)

INTERESTS

Personal interests:

- Interested in building real-time chatbots and AI-driven automation systems with FastAPI.
- Developing and optimizing high-performance asynchronous Telegram bots.
- Refactoring open-source projects to improve code quality and performance.
- Continuously learning new technologies and applying them in practical projects.
- Creating user-centric solutions that simplify workflows and automate business processes.