

Jakhongir Ganiev

Lead Python Software Engineer | Backend Specialist

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- Over 3 years of experience in backend development, leading teams to deliver scalable, high-performance systems using Python, Django, and PostgreSQL. Proven success in optimizing backend solutions, reducing data retrieval times by 50%, and maintaining 99.9% system uptime. Skilled in automating deployments, asynchronous task management with Celery, and leveraging Docker for efficient containerization. Passionate about mentoring and driving continuous improvement, with additional expertise in teaching backend concepts and delivering successful freelance projects, including web applications and Telegram bots.

EXPERIENCE

XCDM Limited, Tashkent

1 year 4 months

Lead Python Software Engineer

January 2024 - Present

- - Led a team of 5+ Python developers to design, develop, and deploy scalable backend systems for enterprise applications, increasing code efficiency by 20% and optimizing performance through the implementation of Django ORM best practices and query optimization techniques.
- - Collaborated with cross-functional teams, including front-end developers and product managers, to define technical requirements and project timelines.
- - Architected scalable backend solutions with Python and Django, supporting thousands of concurrent users and maintaining 99.9% system uptime, while optimizing PostgreSQL queries to reduce data retrieval times by 50%.
- - Automated deployment processes using Docker Compose and GitHub Actions, reducing deployment time by 50% and ensuring reliable start-up with service health checks and dependencies.
- - Collaborated with stakeholders to identify business requirements and translate them into technical specifications, ensuring alignment with project goals and client expectations.
- - Conducted performance benchmarking and tuning for backend systems, improving request processing speeds by 35% across multiple services.
- - Architected a containerized multi-service environment using Docker Compose to manage PostgreSQL, Redis, Celery, and Django, ensuring efficient deployment and scalability.
- - Leveraged PostGIS within PostgreSQL for advanced geospatial data queries, enhancing the application's ability to handle location-based features efficiently.

Python Software Engineer

April 2023 - December 2024

- Managed the deployment and maintenance of backend services on Linux servers using Python and Django, automating deployment pipelines and reducing deployment time by 50%. Developed and deployed Telegram bots, increasing customer interaction by 15% through automated engagement systems.

XCDM MCHJ, Tashkent

1 year 9 months

Lead Python Software Engineer

February 2024 - October 2024

- - Led the backend team in the development of high-traffic applications, ensuring robust architecture and efficient system scaling.
- - Introduced code review processes and automated testing pipelines, increasing code quality and reducing bugs by 20%.
- - Implemented caching strategies using Redis to reduce server load and improve response times for high-demand services.
- - Integrated Celery for asynchronous task execution and Redis as a message broker, significantly improving application performance by offloading heavy background processes.

Back End Developer

July 2023 - January 2024

- - Developed and maintained RESTful APIs in Python, enabling seamless integration with front-end and third-party services, improving system interoperability by 25%.
- - Integrated both local and international payment systems, ensuring secure and seamless payment processing for clients, improving transaction efficiency and user experience.
- - Implemented OpenAI APIs across multiple projects to enhance functionality such as natural language processing and intelligent automation, driving innovation and user engagement.

- - Optimized PostgreSQL database queries, reducing data retrieval times by 40%, enhancing the overall performance of the application.

PDP University, Tashkent

September 2023 - May 2024

Bootcamp Backend tutor (Python)

- - Taught backend development fundamentals to 2nd-year students, focusing on Python, OOP, PostgreSQL, and Docker, with an 85% course completion rate.
- - Mentored students on building real-world Python web applications, introducing Redis for caching, and Celery for asynchronous task management to improve performance.
- - Conducted hands-on sessions covering Dockerized deployments, PostgreSQL management, and building Telegram bots connected to backend services.

PDP Academy, Tashkent

July 2023 - May 2024

Backend tutor (Python)

- Developed and delivered Python programming curriculum, covering foundational concepts and advanced topics like Docker, PostgreSQL, Redis, and Celery. Guided students in building scalable backend projects and deploying real-world applications, with a focus on asynchronous task handling and performance optimization.

Freelancer- Self employed

2 years 5 months

Django Developer

November 2022 - May 2023

- Developed and deployed multiple Django-based projects, including an e-commerce platform, blog site, and URL shortener, leveraging technologies like PostgreSQL, Redis, Celery, and Docker for real-time notifications, asynchronous task management, and containerized scalability.

PHP Developer

January 2021 - December 2022

- Developed multiple Telegram bots, including a Google Translator bot (serving 20k+ users) and a real estate listing bot, automating group management, content moderation, and listing processes for groups with 50k+ members. Automated administrative tasks for Telegram channels, continuously improving skills in PHP and web development through self-learning and real-world experimentation.

EDUCATION

Namangan state University

January 2022 - December 2027

Bachelor's degree, Economics

- Grade: 3

PDP ACADEMY

April 2022 - April 2023

Python Backend

- Skills: JSON · Python (Programming Language) · Django REST Framework · REST APIs · PostgreSQL · SQL · C++ · Web Scraping

LANGUAGES

English, Uzbek

CERTIFICATIONS

Python Backend Development

May 2023

[Show Credential](#)

Python Performance Optimization

October 2023

[Show Credential](#)

Linode: Web Server and Database Foundations

December 2023

[Show Credential](#)

NGINX Web Server from Scratch

December 2023

[Show Credential](#)

PEP8 Guidelines: Python Clean Coding

July 2024

Show Credential