

Ibrohim Rahmonov

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EDUCATION

Tashkent State Pedagogical University

mathematics and information technology

Tashkent, Uz

September, 2022 – No completed yet

Bobur Akilkhanov Tech academy

Backend Python developer

Tashkent, Uz

Jan. 2023 – June 2024

EXPERIENCE

Independent Learning Free Agent

June 2024 – Present

- Developed a bookstore web application using Django and Django Rest Framework, adding new sections and enhancing its functionality.
- Worked with Docker to containerize the application for easier deployment and scalability.
- Gained hands-on experience with creating APIs and managing their integration with frontend frameworks.

Artificial Intelligence Researching agent

March 2024 – Present

- Explored deep learning and machine learning techniques, focusing on image processing and similarity measures such as *cosine similarity* and K-Nearest Neighbors (KNN)
- Developed algorithms to analyze and process images for classification and clustering tasks.

PROJECTS

AiHumanizer.com | *Python, Django, DRF, Hugging Face spaces, PostgreSQL, Docker*

Feb 2024 – Aug 2024

- Leveraged tools like Django, Django Rest Framework, and Docker to build a scalable and robust backend architecture.
- Utilized Djoser to manage user authentication, including all endpoints for user registration, login, password management, and profile updates.
- Built robust and reusable API endpoints to handle user-related operations efficiently.
- Used Celery and Redis for asynchronous tasks
- Built robust and reusable API endpoints to handle user-related operations efficiently.

Book Ai TTS | *Open AI, Django, Deep learning, Docker compose*

June 2024 – Present

- Developed an AI-powered system that reads books and converts them into high-quality audio formats for improved accessibility.
- Integrated advanced text-to-speech (TTS) technologies, such as Google TTS API or Azure Speech Services, to ensure natural-sounding audio outputs.
- Worked on the backend development using Django and Django Rest Framework (DRF) to create scalable and efficient APIs for processing and managing book data.

TECHNICAL SKILLS

Languages: Python, SQL (Postgres)

Frameworks: Django, Django Rest framework, open ai

Developer Tools: Git, Docker, Google Cloud Platform, VS Code, Visual Studio, Docker- compose

Libraries: NumPy, Matplotlib, bs4,requests