

Nick Berletov

Back End Developer

Address

Hadera, Haifa District, Israel

Phone

+972535407887

Telegram

@Berletov

E-mail

nick.berletov@gmail.com

LinkedIn

<https://www.linkedin.com/in/nick-berletov/>

GitHub

<https://github.com/polokonzers>

Skills

Python

REST APIs

Django

SQLite

PostgreSQL (PostGIS)

Postman

Unit Tests

HTML

CSS

Docker

Jupyter notebook

Data structures

AWS

Leaflet

Languages

Russian – Native

English – Intermediate

French – Lower Intermediate
(DELFB1+)

Hebrew – Elementary

Education

Moscow Aviation Institute

(National Research University)

I'm a backend developer with 3+ years of experience.

Relevant projects:

- Geo-information service pure-israel.net for collecting statistics for the Ministry of Environment of Israel, exchanging it with municipal authorities, and publishing publicly accessible analytics on key quality indicators of municipal works. The database is implemented on PostgreSQL (Postgis 3.4). The backend is built using Django with DRF for mobile application integration and communication with municipal clients. The production deployment is managed through docker-compose on Ubuntu 22.04 LTS. Over 220 registered users within 3 weeks.
- Telegram bot for creating audio and text guides anywhere in the world using a proprietary API, aiogTTS, and visualizing statistics using Jupyter Notebook. Currently deployed on the AWS platform (ECR+EC2).

Work Experience:

Full Stack Web Developer (2023 - present)

[Pure Israel](#)

- Independently developed a geo-information service for data exchange on waste management between ordinary residents and government representatives from scratch to a functional product.
- Managed the work of a UI-UX designer and an Expo + React Native application developer.

Software Engineer (2023 – present)

AI-Steps

- Developed an asynchronous Telegram bot based on the python-telegram-bot library.
- Refactored the bot's functionality using the aiogram framework to ensure smooth user workflow.
- Integrated the Google Text-to-Speech (gTTS) library to add automatic asynchronous speech synthesis functionality.
- Utilized Jupyter Notebook for data visualization, creating interactive charts and graphs to display statistical trends and enhance decision-making processes.

Manager Coordinator (2017 – 2023)

STEP transport solutions

- Created a Telegram bot to optimize internal processes.
- Managed the organization's IT infrastructure and outsourced IT services.
- Automated the preparation of corporate documents.
- Prepared budgets for the organization in Russia and its subsidiary in Kazakhstan.
- Conducted financial analysis of B2B collaborations.