

# Azimjon Pulatov

Backend Engineer | Warsaw, Poland

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## Education

Polish-Japanese Academy of IT, **B.Sc. Computer Science**

Oct 2020 - Feb 2024

Focus area on Algorithms and Data Structures, Java Programming Language, Software Engineering, Software Architecture, Database Management Systems, Testing and Project Management

## Experience

**Backend Engineer, Super Dispatch**

Oct 2018 - Present

- Developed backend of the transportation management system for shipping cars that moves 200K orders annually. Primary technologies: Python, Django, and Golang.
- Optimized memory usage by 2,000% by identifying memory leak in the document generator library and implementing a solution that reclaimed memory after generating 10 documents.
- Increased service reliability up to 99.9% by implementing a database connection retry mechanism.
- Decreased the response time of the main service from 500ms to 200ms by introducing an independent micro-service for handling file uploads to Google Cloud Storage.
- Collaborated with mobile and frontend engineers to develop REST API contracts and documented using Swagger.

**Backend Engineer, Workly**

Jul 2018 - Oct 2018

- Developed a backend for an automatic time & attendance tracking system.
- Reduced usage cost of AWS by 40% by converting old services from Python to Golang.
- Integrated Anviz fingerprint controller to publish attendance data to the web application.
- Authored the company's Golang code style guide that was used by 5 backend engineers.

## Projects

**JPRQ, Ngrok Alternative**

May 2020 - Present

- JPRQ is a free and open-source tool to turn localhost online with 140 stars on Github.
- It allows unlimited requests/minute to the local server compared to Ngrok's 40-request limit.
- Can expose multiple ports at the same time compared to Ngrok with 1 port limit.
- Used Python for the CLI and Golang for server-side.

**MusicSpider, Chrome Extension for Music**

Sep 2018 - Jan 2019

- Built spiders that crawled 200K songs in 3 days from 10 music websites.
- Runner up among 34 projects presented on Garage48 hackathon.
- Used Python for crawlers, Elasticsearch for search engine, TypeScript for the extension.

## Social Activities

- Write a bi-weekly blog at [azimjon.com](http://azimjon.com), 800 monthly users with 7 articles written so far.
- Developed a Python course in Uzbek language at pdp.uz. 30 lessons with 63 students enrolled.
- Mentored students on Docker & Kubernetes at Google Cloud Study Jam with 50 total attendees.
- Mentored girls aged 14-18 on Python at DjangoGirls Tashkent - programming bootcamp with 70 attendees.
- Gave a talk about Asynchronous Django at Nursultan Google DevFest 2019.