

Vlad Polietaiev

Software Engineer

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Location: Bauskas novads, Latvia

I'm a software engineer with 1+ years of commercial experience developing REST APIs and back-end services, mainly with a Python-based technology stack and I've spent countless hours learning and tinkering with different languages, tools, and technologies. I have the most experience building web services on top of the Google Cloud Platform, building APIs with FastAPI and DRF, using PostgreSQL and ElasticSearch. I'm looking for an opportunity to apply and develop my skills further while working on interesting and impactful projects.

Professional experience

Software Developer at DevelopsToday

May 2021–Present, Fully remote

- Participated in the development of Django Rest Framework application, maintained Stripe payments workflow, SendBird integration
- Designed, developed, and tested REST APIs endpoints using FastAPI on multiple projects
- Participated in the development of back end and front end components of a Firebase application, maintained and improved performance of the data synchronization workflow with a third party API
- Developed and optimized the Web scrapping and data extraction workflows on top of Google Cloud Functions
- Implemented a data replication pipeline for ElasticSearch and a recommendation engine on top of it
- Participated in internal interviewing/hiring processes, mentored junior developers

Personal projects

Hedgehog

A podcast player and organizer with a terminal-based user interface written in Rust. It implements subscription management, automatic feed updates, iTunes Store searches, playback status and position tracking.

[🔗/poletaevvlad/Hedgehog](#)

cmdparse

A Rust library and derive macro for parsing arbitrary types from user-entered commands. It's based on parser combinators and supports auto-completion.

[📄 Docs](#) · [🔗/poletaevvlad/cmdparse](#)

anime-list-popup

A browser extension for viewing and managing the users' lists of TV series they've watched or plan to watch from myanimelist.net written in TypeScript/React.

[🔗](#) · [🔗](#) · [🔗/poletaevvlad/anime-list-popup](#)

http-asm

A web server, written in x86-64 assembly for GNU/Linux with no dependencies (including libc). It implements a subset of HTTP 1.0 spec and supports directory listing.

[🔗/poletaevvlad/http-asm](#)

Skills

Languages & Technologies: Python (FastAPI, Django, SQLAlchemy, Alembic) · Rust · RabbitMQ · OpenCL

Databases: PostgreSQL · MongoDB · Google Firestore · ElasticSearch · SQLite · Redis

Devops: Google Cloud Platform (Cloud Functions, Firestore, Storage) · AWS (S3, Lambda) · Heroku · Docker

Front end: JS/Typescript · React · HTML, CSS · Flutter · JavaFX

Languages: Ukrainian, Russian (native) · English (professional working proficiency)

Education

Donetsk National Technical Universty, Donetsk, Ukraine

Sep 2014–Jun 2020

Master's degree in *Software Engineering*, master's thesis on the subject of content-based image retrieval.