

Vlad Polietaiev

Software Engineer

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Location: Ukraine, Remote only

A software engineer with 1+ year of commercial experience developing REST APIs and back end services mainly with Python-based technology stack with a passion for programming both professionally and independently. Looking for an opportunity to apply and develop my skills while working on an 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 a junior developer

Personal projects

Hedgehog

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

[🔗/poletaevvlad/Hedgehog](#)

cmdparse

A Rust library and derive macro for parsing arbitrary types from commands strings with autocompletion support based on the parser combinator approach.

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

anime-list-popup

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

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

http-asm

A web server, written in x86-64 assembly for GNU/Linux without 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 Enginieering, master's thesis in the field of content-based image retrieval.