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. I have a passion for programming: both professionally and independently, and I've spent a significant amount of time learning and developing my skills while working on a diverse set of pet projects. I'm looking for an opportunity to apply and develop my skills further while working on interesting and impactful projects.

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)

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

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.