

Vadim Ledyaev

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SUMMARY

AI/LLM and fullstack engineer. I build LLM-powered systems — including document-analysis platforms — with self-hosted inference and RAG that run fully on-prem, no external APIs. I own the full stack: Python backends, React frontends, and the retrieval, structured output, and evaluation in between. Six years in mobile (Flutter) before that — usually the sole developer on a project, across crypto/Web3, healthtech, iGaming, and nonprofit.

EXPERIENCE

AI/LLM & Fullstack Engineer

May 2026 — Present

Haiku

Full-time

- LLM/RAG pipeline: self-hosted models via vLLM, retrieval over a vector DB, structured output, and tracing/evaluation — fully on-prem, no external APIs.
- Fullstack app around the pipeline — a FastAPI backend (REST + WebSocket) that orchestrates long-running document jobs via Celery/Redis with PostgreSQL for state, and a React + TypeScript UI for review and reporting.
- Document processing: PDF/DOCX parsing, OCR, report generation.

Senior Mobile & Web Engineer

Aug 2025 — Present

Helpster Charity

Part-time

Mobile (Flutter)

- Rebuilt a stalled legacy app into a maintainable MVVM Clean codebase — new design, reworked business logic and API integration.
- Google/Apple SSO, secure storage, and ongoing feature development.

Flutter, MVVM Clean Architecture, get_it, injectable, auto_route, dio, freezed

Web (marketing site)

- Built from scratch — Astro (hybrid SSR/static), React, TypeScript, and Tailwind, with a headless CMS (Directus) and an interactive map (MapLibre).

Senior Flutter Developer

Dec 2025 — Apr 2026

Denexy

Contract

- Rebuilt the LogExpert app from the ground up — new architecture, aligned to updated design specs, reworked API integration.

Flutter, MVVM Clean Architecture, flutter_map, drift, get_it, injectable, auto_route, dio, freezed

Senior Flutter Developer

Jun 2025 — Jan 2026

NDA Projects — iGaming

Contract

- Developed a Flutter app wrapping a client's existing web app via WebView.
- Implemented onboarding, Google/Apple SSO, and bidirectional Flutter↔WebApp communication.
- Built several small Flutter apps with rich analytics instrumentation (Facebook, Amplitude).

Flutter, MVVM Clean Architecture, flutter_webview, Google/Apple SSO

Senior Flutter Developer

May 2023 — Mar 2025

MentalGrowth

Full-time

- Sole Flutter developer across three products simultaneously.
- Aspectica: designed architecture from scratch, complex animated UI, Adapte subscriptions, Sentry + custom analytics, audio playback.
- Mimika: built a backend service from scratch (NestJS + PostgreSQL + Docker) — full-text search (Postgres tsvector), token-based auth, file uploads.
- Youth: migrated an existing iOS app to Flutter, designed architecture, UI and API integration.

Senior Flutter Developer

Dec 2021 — Oct 2022

Broxus

Full-time

- Continued development of EVER Wallet (TON blockchain crypto wallet).
- Maintained and extended nekoton-flutter — open-source Rust FFI bindings for the nekoton crypto SDK; improved Dart↔Rust memory management.

- Extended the Web3 in-app browser and delivered new wallet features.

Senior Flutter Developer / Team Lead

Sep 2020 — Dec 2021

Progressive Mobile

Full-time

- Joined as Middle, promoted to Senior and appointed Team Lead within 6 months.
- Migrated a React Native + Redux app to Flutter + BLoC; built native AR plugins from scratch (ARCore + OpenCV on Android, ARKit + Vision on iOS).
- Integrated a Rust crypto SDK via Dart FFI; built account creation, transaction flows, and the Web3 browser for EVER Wallet.
- Mentored junior developers and handled task distribution.

SKILLS

AI / LLM: Large Language Models (LLM), RAG, LangChain, vLLM, Prompt Engineering, Vector Databases, Langfuse, Document AI / OCR

Backend: Python, FastAPI, SQLAlchemy, PostgreSQL, Celery, Redis, Node.js, NestJS, REST, WebSocket, Docker

Frontend: React, TypeScript, JavaScript, Astro, Tailwind CSS, Vite

Mobile: Flutter, Dart, Swift, Kotlin

Systems & Tooling: Rust, pytest, CI/CD, SQL, GraphQL

Languages: English, Russian

EDUCATION

Synergy University

Sep 2019 — Dec 2024

Bachelor's degree — Applied Informatics in Economics