



# Vladimir Beliaev

Full-stack Engineer (Web & AI)

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🔗 Portfolio • GitHub • 🌐 Website • 💬 telegram: @vvbeliaevv

## Summary

Full-stack engineer with a background in ML and data-driven systems. I design and build modern web products end-to-end: from fast, SEO-friendly frontends to scalable backends, infrastructure, and LLM-powered features. My philosophy is ship, ship, ship – delivering value quickly while keeping code quality and architecture under control. I thrive in small, cross-functional teams and early-stage products where I can own a wide scope: product discovery, implementation, deployment, and iteration.

## Experience

### Freelance / Cogito Software

2024 nov - current time

Netherlands

#### 🔗 Agency

Design and build end-to-end AI-driven web products for small teams and early-stage businesses. Own the full lifecycle: architecture, frontend, backend, LLM integration, infrastructure, and CI/CD. Delivered several production-ready systems, including AI storytelling, quiz generation for educators, CRM AI assistants, and internal knowledge bases. Tech stack: SvelteKit, Astro, FastAPI, Node.js, Postgres, Redis, Meilisearch, LangChain, PydanticAI, Docker, GitHub Actions, Coolify, Hetzner.

### LLMagent.ru | Enterprise Knowledge Base

2023 sep - 2024 nov

Full Stack Dev

Moscow

#### 🔗 Product

Internal AI assistant that ingests corporate documentation and answers employee questions with source-aware responses. Implemented ingestion pipelines, search over vector and text indexes, and role-based access control. Stack: FastAPI, Elastic, Qdrant, Postgres

## Projects

### Quizbee.academy – AI Quiz Generator

2025 aug - nov

Tool for educators that converts learning materials into quizzes using LLMs.

#### 🔗 quizbee.academy

Tool for educators that converts lecture notes and PDFs into interactive quizzes. Implemented content parsing, question generation using LLMs, and progress tracking with basic analytics for students. Stack: SvelteKit, FastAPI, Redis, PydanticAI, SOLID architecture principles.

### Hackseeker.com – AI product validation

2025 sep - current

Platform for quick market validation and insight mining

#### 🔗 hackseeker.com

Interactive platform where users co-create stories with AI. Built real-time text generation flows, branching narratives, and character consistency checks on top of custom LLM pipelines. Stack: SvelteKit, Node.js, custom LLM pipelines, Docker, Coolify.

## Education

### Higher School of Economics – Computer Science Department

Machine Learning

9.5 GPA

Sep 2021 - May 2024

Bachelor's Minor

#### 🔗 hse-ml-minor

Built a strong foundation in machine learning and deep learning: from neural network internals and optimization methods to practical model training and evaluation.

## Skills

### Web Development

End-to-end web application development



JavaScript / TypeScript, Svelte / SvelteKit, Astro, React, Next.js, HTML / CSS, Tailwind, SPA / SSR / SSG, SEO optimization

### Backend & Architecture

Server-side logic and system architecture



FastAPI, Node.js, Go, Python, Postgres, Redis, SQLite, Meilisearch, Elastic, Hexagonal Architecture, SOLID, API design

### LLM-based Development

Building AI-powered products with modern LLMs



RAG, LangChain, PydanticAI, Custom agents, OpenAI API, DeepSeek, Claude, Prompt engineering, PyTorch

### DevOps & Infrastructure

CI/CD and self-hosted deployments



Git, GitHub Actions, CI/CD pipelines, Docker, Coolify, Linux, Hetzner, cloud / self-hosted deployments

## Interests

### Self-hosting & infrastructure tinkering

raspberry-pi, coolify, linux, server-configuration, hetzner

## Languages

### English

professional working proficiency



### Russian

native

