# Vladimir Beliaev

AI Full Stack Engineer / Software Engineer

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⌖ Moscow / Remote ⊕ Portfolio ⊕

## Summary

Full Stack Engineer with 3+ years of experience building production-ready web applications and AI-driven systems. Expert in integrating LLMs (RAG, Agents) with modern web stacks (FastAPI, SvelteKit, TypeScript). Focused on shipping scalable products and optimizing time-to-market. Founder of 3 shipped micro-SaaS products.

## Skills

**Core Languages**
Primary programming languages
Python, TypeScript, JavaScript, Go (basic)
● ● ● ● ●

**AI / ML**
LLM integration and machine learning
RAG, LangChain, PydanticAI, Vector DBs (Meilisearch, Chroma, Qdrant), OpenAI API, Prompt Engineering
● ● ● ● ●

**Web Development**
Full-stack web technologies
SvelteKit, Next.js, React, Astro, FastAPI, Node.js, Tailwind
● ● ● ● ●

**Infrastructure**
DevOps and deployment
Docker, Linux, CI/CD, GitHub Actions, Hetzner, Coolify
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## Interests

## Education

Higher School of Economics — Bachelor's Minor • GPA 9.5/10
Data Science & Machine Learning — Sep 2021 - May 2024

Built a strong foundation in machine learning: neural networks, optimization methods, practical model training and evaluation.
HSE ML Minor

Higher School of Economics — Bachelor's Degree • GPA 8/10 (Tech: 9.5+)
Marketing and Market Analytics — Sep 2021 - Present (Academic Leave)

Focus on data-driven marketing and analytics. Strong quantitative thinking applied to product development.
HSE University

## Experience

Cogito Software (Self-employed / Founder) — Remote
AI Full Stack Engineer — Nov 2024 - Present
Architected and deployed full-stack AI solutions for clients and internal products using SvelteKit and FastAPI. • Built Quizbee.academy: An AI-powered educational platform that converts PDFs to quizzes using PydanticAI and Redis. • Developed HackSeeker: A market validation tool integrating LLMs for data analysis. • Created YouStory.nl: Interactive AI storytelling platform with real-time text generation. • Managed infrastructure on Hetzner using Docker and Coolify, ensuring 99.9% uptime. Stack: SvelteKit, Astro, FastAPI, Node.js, Postgres, Redis, LangChain, PydanticAI, Docker, GitHub Actions.
Portfolio

LLMAgent.ru — Moscow
Lead / Core Developer — Jan 2023 - Nov 2024
Led the development of a self-hosted RAG system integrated with Bitrix24 for Russian businesses. • Implemented vector search strategies using Qdrant and Elastic, improving retrieval accuracy. • Optimized backend performance (Python/FastAPI) handling concurrent users. • Built document ingestion pipelines and role-based access control. Stack: FastAPI, Elastic, Qdrant, Postgres, Docker.
LLMAgent

## Projects

## Self-hosting & Infrastructure
homelab, coolify, linux, server-configuration

## Languages

### English
Professional Working Proficiency
●●●●○

### Russian
Native
●●●●●

Quizbee.academy — AI Quiz Generator                    2024
Tool for educators that converts lecture notes and PDFs into interactive quizzes. Implemented content parsing, question generation using LLMs, and progress tracking. Stack: SvelteKit, FastAPI, Redis, PydanticAI.
quizbee.academy

HackSeeker — Market Validation Tool                    2025
Market validation tool that integrates LLMs for analyzing trends and validating product ideas through data parsing algorithms. Stack: SvelteKit, FastAPI, LangChain.
hackseeker.com

## Awards

Case Championship Winner — Kept                         2022
Kept Consulting
Developed a crisis management strategy for a Russian logistics company under sanctions.