EDUARD HAN

AI Product Engineer | Backend & Agentic Systems

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PROFILE

I build AI products and backend services from idea to production: designing solutions, integrating AI with internal data and business workflows, and keeping systems reliable in daily use. AI coding agents are my main development tool, but I make architectural and technical decisions, review the implementation, and own the outcome. I work with LLMs, RAG, embeddings, reranking, speech processing, and model inference. My focus is quality, cost, automation, and performance.

EXPERIENCE

Elite Sochi | Real Estate Agency **June 2025 - Present**

Backend & Product Engineer

Call Quality Review System

- Designed, built, and launched a production system for automated call quality reviews from scratch.
- Used by hundreds of employees, it handles tens of thousands of reviews each month with manual intervention needed only in exceptional cases.
- Built the backend, web interface, processing automation, and infrastructure for scaling.
- Cut the cost per review by more than an order of magnitude through automation and system optimization as review volume grew roughly 4x.
- Continue to own development, reliability, and production support.

AI Deal Assistant

- Built an internal AI assistant that brings deal data, calls, transcripts, review results, training materials, and the company knowledge base into one interface.
- The assistant analyzes deal context, suggests next steps for sales managers, and drafts replies to clients.
- Took the product from idea to a working internal pilot.

Semantic Routing Service for a Voice Bot

- Proposed and built a response classification service for an existing voice bot.
- Reduced average routing latency from 800-1000 ms to ~200 ms.
- Cut the cost per request by roughly 5x.
- Around 99% of requests are handled without calling the fallback LLM.

TECHNICAL SKILLS

AI & ML	LLMs, RAG, embeddings, reranking, model inference, OpenRouter, Whisper, T-One, Yandex Cloud (AI Studio, SpeechKit)
Backend & Data	Go, Python, REST APIs, PostgreSQL, Redis, pgvector
Infrastructure	Linux, VPS/VDS deployment and operations, Docker, Docker Compose, Nginx, Git, CI/CD
Development Tools	Copilot, Codex, Antigravity, Claude Code