



# Hugo Ander Kivi

Senior Software Engineer

Tallinn, Estonia · Remote · Available for B2B contract

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## PROFILE

I shipped an LLM governance framework with a controlled three-condition benchmark on Opus 4.7, showing skill-triggered contract loading lifts task quality from a 7/10 baseline to 9–9.5/10. Now in production at Hub88, an iGaming aggregator processing hundreds of millions of daily transactions across many suppliers and operators. Project lead on five integrations. Independently shipped Q (multi-tenant AI knowledge platform, in production), Exomem (MCP-native memory server), and Endstate (Windows setup restore tool).

## CORE STACK

Elixir Go TypeScript Python React Node.js Next.js PostgreSQL  
pgvector Elasticsearch Docker FastAPI Langfuse AppSignal

## PRODUCTS — SUBSTRATE SYSTEMS

### Q — AI knowledge infrastructure platform

Turns content libraries into branded AI knowledge bases with hybrid retrieval and multi-tenant isolation. In production feeding a podcast's content pipeline (~5,000 drafts in two months); deployed to a ~500-member creator community. Python, FastAPI, PostgreSQL, vector search.

[useq.ai](https://useq.ai)

### Exomem — MCP-native memory over your own vault

MCP server that makes your own Markdown/Obsidian vault searchable from any MCP client, with hybrid BM25 + vector retrieval and sub-second find. Moved keyword search from a full-corpus scan to a sqlite FTS sidecar, ~1300x cheaper. Python; ships on PyPI and Docker.

[substratesystems.io/exomem](https://substratesystems.io/exomem) · [github.com/Artexis10/exomem](https://github.com/Artexis10/exomem)

### Endstate — Windows setup restore tool

Restore your machine setup from your old machine. Captures installed apps and settings into a portable file; replays on a fresh install. Open-source engine (Go), free desktop GUI, paid hosted backup service.

[substratesystems.io/endstate](https://substratesystems.io/endstate) · [github.com/Artexis10/endstate](https://github.com/Artexis10/endstate)

## EXPERIENCE

### Software Engineer

Mar 2024 – Present

[Yolo Group — Hub88 Integration Team](#) · Tallinn

Project lead on five integrations on a high-traffic B2B platform. Built several integration adapters from scratch and contributed to dozens across the platform. Senior specialist on core integration system. Led AI governance initiative now in production (RFC + PR demos). Fault-tolerant third-party integrations, platform architecture.

### Software Engineer

Apr 2022 – Feb 2024

[Bedford Row Capital](#) · Tallinn

Proprietary platform for structured debt issuance and securitisation. Primary developer alongside team lead. Built a loan-notes servicing application end-to-end (frontend, backend, API).

## ADDITIONAL

**Languages** English (native), Estonian (native), Spanish (A1–A2), Italian (basic)

**Podcast** Co-host & technical operator — Together, Unprocessed (134K Facebook followers, 17.2K Instagram)

**Contracting** B2B via Substrate Systems OÜ (reg. 17394552)