

Ivan Mikheev

AI engineer & entrepreneur. I engineer adoption — interfaces between intelligent systems and the people who use them: protocols, products, and teams.

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Enschede, NL | portfolio — launching

Selected systems

outcomes first — live links where it runs

geofence twin nebius serverless ai challenge · 2026	Semantic digital twin over GPS telemetry: hybrid anomaly scoring plus a SPARQL-queryable SAREF/RDF knowledge graph; batch enrichment and FastAPI inference, containerized on Nebius. Public write-up on LinkedIn. roc-auc 0.8247 · 24 380 triples · 1.9 s batch · shipped ahead of deadline
deckgen live product · deckforge-web.vercel.app	Citation-backed deck generation: every figure resolves to an evidence ledger; orchestrator fans out cite-only agents, a verifier gates the deck. Next.js · Trigger.dev · Supabase/pgvector. 194 unit tests · 100% figures cited · 0 dangling citations
tracker live app	Multi-project kanban with an AI copilot — column summaries and suggested next moves. The operations twin of how I run projects.
voltstream msc systems track · 2026	Multi-service EV-charging platform: per-service databases, sync + async messaging, graceful degradation under partial failure. Contract-first, three-phase agentic build.
matter home running network	RPi5 border router with Nordic RCP radio; ESP32-C6/S3 nodes bridged into the Matter-over-Thread standard so custom hardware commissions and behaves like factory devices.

Ventures & roles

the honest ledger — with the lesson each one paid for

2025 → now nullspace.cloud · easyletters.ai	Strategic consultant — agentic-first product transformation, sales architecture, product-market-fit for two NL startups. advising
2024 → 2025 find-vendor	Founder — agentic sourcing for industrial procurement; field research with truck, food, and solar manufacturers. Lesson: agents fail on trust, not capability — sell the audit trail first. sunset
feb → may 2024 sauroneye → earthian	Commercial lead — AI green-investment assessment; B2B with Swiss investment and portfolio firms and Dutch insurers. Lesson: enterprise AI sells on auditability before accuracy. exited
jun 2023 → jan 2024 julius meinel living	Innovation manager — guest-experience research, analytics pipelines, and The Julius Ecosystem: wallet-pass perks geo-anchored across a partner network. Lesson: in hospitality the product is the feeling of access. piloted
2022 → 2024 glideview	Founder — AR product presentation and a 3D-to-web optimization pipeline; early reality-capture and gaussian-splatting work; pilots with an industrial client. Lesson: technology readiness ≠ market readiness. sunset

Education

2025 → in progress
MSc Business & IT, enterprise track — University of Twente. AI in business cases: TrenData agentic marketplace + MCP; decentralized digital twin.

Stack

langchain · langgraph | rag
knowledge graphs · rdf · sparql
python · fastapi | react · next · typescript
supabase · pgvector | terraform · aws | docker

→ 2025

BSc Creative Technology — University of Twente. Published thesis: mapping process-mining artefacts to stakeholder information needs (essay.utwente.nl).

minor

Cloud Computing — Illinois Institute of Technology. AWS provisioned through Terraform; infrastructure as code.

Pressure tests

2026

Nebius Serverless AI Challenge — the geofence twin, solo, shipped early.

2023

Insurance Challenges @ Achmea & Allianz — age-aware cyber-risk education; on-prem LLM with retrieval for medical claim review. Covered by verzekeraars.nl.

claude code cli

mqtt · matter/thread

Method

Spec-driven agentic development — my formalized framework: strategist / implementer / operator roles, TDD in layers, adversarial read-only verification, and a live run as the definition of done. Applied on deckgen and the Nebius twin; documented publicly.

Press & writing

Interview — verzekeraars.nl (2023)

Challenge report — verzekeraars.nl (2023)

"Building a queryable semantic digital twin" — LinkedIn (2026)

BSc thesis — UTwente essay repository (2025)

Human layer

Process Communication Model for team rapport; led team formation across all listed projects. EN (academic) · RU (native) · NL (A1). Photography, cross-country riding, Matter/Thread home lab.

ivan mikheev · cv v0.1 · set in ibm plex mono + instrument sans

full system: portfolio (domain pending) · references on request