

Chandra Tungathurthi

AI Consultant & Technical Architect · Sovereign Enterprise AI

I turn complex, traditionally expensive business problems into streamlined AI solutions: generative AI, multimodal data and LLMs that run where the client controls them. GDPR by architecture, not by policy.

Germany · hybrid / remote [linkedin.com/in/chandra-tckb](https://www.linkedin.com/in/chandra-tckb) tungathurthi.com



CORE COMPETENCIES

- Sovereign enterprise AI: on-premise and EU-hosted LLMs, RAG, agentic AI
- Product and master data AI: PIM, DAM, PLM, MDM, ETIM/eCI@ss, classification, enrichment, translation at scale
- Large-scale LLM processing and cost control: batching, deduplication, per-record audit, budget caps
- LLM fine-tuning and on-device inference: quantisation, ONNX, WebGPU, models that run in the browser
- Pilot to production: Kubernetes, CI/CD, integration architecture, so AI systems run unattended

PROJECT HISTORY

Mid-market manufacturers and distributors (via a German IT consultancy)

Lead AI Architect and AI consultant · Sovereign product-data AI: platforms and paid pilots

Built the AI practice and its platforms (large-scale LLM processing, agentic chatbots, enterprise AI search); sold and delivered paid pilots: translation of 200,000+ items, ETIM/eCI@ss classification, attribute completion, hero-image selection; on-premise or Open Telekom Cloud.

US health-tech startup (name on request)

AI Architect, prime technical consultant (close to founding engineer) · Agentic backend of an autonomous AI health agent, now released on iOS and Android

Conceptualised and built the LLM-orchestrated multi-agent backend: agents interpret patient queries, plan, connect to and fetch records, biomarkers, wearable and medication data, and draft interventions under physician-authored protocols. HIPAA-grade data handling.

Department store chain and medical technology manufacturer (via a Swiss product-data integration specialist)

Solutions Architect · PIM/ERP integration into Syndigo and AI-assisted attribute mapping

Integration solutions on the employer's integration platform; designed the UX of an AI-assisted attribute-mapping tool and took it to production for the department store chain, including infrastructure and release.

Confidential client

Technical Architect AI · RAG platform and enterprise AI search

Medical and scientific publisher (via a German digital consultancy)

Lead Applied AI Architect · AI-as-an-API platform for product data in Stibo STEP

After conventional AI attempts had failed, delivered classification and enrichment through the API-based AI platform built from zero to production; the client presented the results at the Stibo conference.

Agricultural trading group (via a German digital consultancy)

Integration Architect · Company-wide integration architecture

Swiss food wholesale group (via a German digital consultancy)

Infrastructure / DevOps Architect · Overhaul of the group's e-commerce systems

German mail-order retailer (via a German digital consultancy)

Infrastructure lead · On-premise infrastructure consolidation and first AI use case

SKILLS

AI systems

Agentic systems and multi-agent LLM orchestration · RAG and enterprise AI search · LLM evaluation, prompt optimisation and human-in-the-loop · LLM fine-tuning, quantisation, ONNX export and on-device inference (WebGPU) · sovereign, self-hosted and EU-hosted open-weight models · multimodal (vision, speech) · large-scale batch LLM processing (idempotent, crash-safe, cost-optimised) · guardrails and cost control

Product & master data

PIM, DAM, PLM, MDM · Stibo STEP, Syndigo, SAP Commerce · ETIM / eCI@ss classification · enrichment, translation, hero-image selection, marketing text

Platforms & infrastructure

Kubernetes (EKS, AKS) · Azure, AWS, Open Telekom Cloud, on-premise · Terraform and Infrastructure as Code · CI/CD with Dagger, GitLab, GitHub · Prometheus, New Relic · MuleSoft integration architecture

PLATFORMS DESIGNED & BUILT

- Large-scale LLM processing platform: Millions of records through LLMs (architected and built in employment)
- CAIEP: Composable Agentic Integration & Execution Platform (own product)
- DocVault: Agentic Document Intelligence (own product)
- Offline RAG chatbot: Knowledge on demand, no internet, no per-prompt cost
- On-device AI twin: Fine-tuned bilingual LLM running entirely in the browser (own work)

HOW I WORK

Frame · Pilot · Evaluate · Productionize. Pilots in weeks, not quarters, with an honest go/no-go before serious budget is committed.

LANGUAGES

- English: native / bilingual
- German: working proficiency



Full profile with client references on request: tungathurthi.com/connect

CTEC4HRPY