



ELIAS VAKKURI

ARCHITECT, ENGINEER & TECHNICAL FOUNDER

CONTACT

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SKILLS

- Full-stack development (TypeScript, React, Python, SQL)
- Data engineering (Databricks, Spark, Kafka)
- ML engineering & MLOps (MLFlow, Ray, model tracking, production readiness)
- Cloud & infra (Azure, AWS, Terraform, Kubernetes)
- Languages: Python & TypeScript (primary); also Java, Clojure; quick to pick up others

EDUCATION

2008 - 2013
TAMPERE UNIVERSITY OF
TECHNOLOGY

- Master of Science (MSc), Industrial Engineering & Management
- Thesis: graph-based (Design Structure Matrix) method and tool for analyzing and restructuring enterprise system dependencies.

CERTIFICATIONS

- CISSP
- Azure Solutions Architect
- Terraform Associate

LANGUAGES

Finnish (native), English (fluent),
Swedish (proficient), French (basics)

PROFILE

I'm an architect and engineer who builds across the full stack — data platforms, ML systems, and web apps — and currently co-founder and CTO of an AI startup. I've shipped production software since 2017, across multiple industries, major and more niche clouds, and in on-prem environments. I care most about systems that are fast, correct, and maintainable, and I'm comfortable with hard problems I haven't seen before. Roots in both engineering and strategy consulting give me unusual range — I'm at home reasoning about the decision a product serves and the code beneath it.

WORK EXPERIENCE

- Stellaris** 2026 - PRESENT
Co-Founder & CTO
 - Co-founded an AI-native platform for supplier ESG risk; owned all technical decisions across product and infrastructure.
 - Built the system from scratch — data ingestion, risk scoring and ranking, full-stack app — with a focus on structured, auditable output over black-box scores. (TypeScript, React, GenAI, Kubernetes)
- Brainflight** 2021 - PRESENT
Freelance Software Developer
Selected assignments:
 - Real-time operations system for an energy client: full-stack development with Kafka-based event processing. (TypeScript, Kubernetes, Java, Kafka)
 - Brought data scientists' ML models to production for a banking client: improved code quality, testing, and runtime performance; contributed to backend and data-processing architecture. (Azure ML, Databricks, Python)
 - Data platform migration for a retail client: received the client's specific thanks for maintainability and documentation quality, enabling efficient handover. (AWS, Snowflake, Python, Terraform)
- Bigdatapump / CGI** 2017-2021
Cloud & Data Architect
 - Example assignments: Built an Azure AI/data platform from scratch for public education; designed a microservices-to-Kubernetes migration in public transport.
- Magenta Advisory / BearingPoint** 2014-2017
Digital Strategy Consultant
 - Strategy, product, and eCommerce work across banking, telecom, and media — including a long-term assignment as Agile product owner in eCommerce for an international telecom.