Vahid Faraji.

AI-Native Architect · Applied AI Engineer · LLM Agents

Istanbul, Türkiye · open to relocating to Amsterdam

vfaraji89@gmail.com
+90 541 940 2411

LinkedIn | GitHub | vfaraji89.github.io

SUMMARY

AI-native architect with 8 years in industry (2 in applied AI, 6 in data products and business analysis) plus 4 years in research, now designing and shipping production LLM agents end to end. I start from the operational problem: I work with operators and domain experts, find the highest-leverage workflow, design the agent and its harness (execution loop, tools, context and memory), and ship it with the evals that prove it works. Fluent in agent patterns, RAG, prompt engineering, tool use (MCP) and evaluation. I build full-stack in TypeScript, Next.js and the Vercel AI SDK, and in Python, on the Anthropic Platform (Claude Agent SDK), OpenAI and Google AI, with a production focus on observability, reliability and token cost. Published at ACM CAIS '26; ACM Professional Member.

Core skills: AI-Native Architecture | Agent Harness Engineering | LLM Evals | RAG | Tool Use / MCP | Agent Skills | Langfuse Tracing | TypeScript 7 | Next.js | Vercel AI SDK | Vercel | Claude Agent SDK | Microsoft Copilot Studio | Python | PostgreSQL | Spec-Driven Design | Database Schema Design

EXPERIENCE

Senior Applied AI Specialist — Kariyer.net (ilab group) | Mar 2025 – Present

- Own agentic systems from problem to production: scope with operators and stakeholders, then design, build and hand off LangGraph / MCP / Agno workflows with custom routing, safety fallbacks and real-time observability (Arize).
- Build agent applications and harnesses in TypeScript (Next.js, Vercel AI SDK) and Python: tool loops, context management, sub-agents, hooks and guardrails. My token-efficient context-engineering framework became the organisational standard, lowering token spend while improving factual accuracy.
- Finance exception detection: LLM pipeline that reads POS commission statements from 4 major Turkish banks, compares contracted vs. applied rates and surfaces discrepancies to the finance team.
- Yapay Zekâ İzi (concept, confidential, Oct 2026): LLM pipeline design over 1.6M job ads (2022 to H1 2026) tracing which AI tools employers ask for, with a validation and method layer.
- ProjectLens: operator-facing internal pricing tool that replaced a quote-per-Excel-file workflow, cutting 91% of the manual effort and retiring 31 spreadsheets.
- Text-to-Report: natural-language-to-SQL agents with RAG over a DataHub metadata layer, cutting the analytics backlog by 40%.
- Feedback automation for 100+ internal users (−60% manual workload). Secured a USD 40K Perplexity enterprise grant. Set evaluation baselines for agentic infrastructure.
- Teach Applied AI courses on agents, MCP and AI-native development (18-hour programme); AI Career Mentor at TEV.

Product Manager – Data — Kariyer.net | Oct 2022 – Mar 2025

- Designed metadata schemas for 300M+ text and numerical data assets, aligning product roadmaps with engineering.
- Built real-time analytics pipelines for labour statistics, with data-quality matrices, governance and executive dashboards.
- Led AI adoption training for C-level executives.

Business Analyst – Data Analytics — WorqCompany | Sep 2021 – Oct 2022

- Built financial forecasts and revenue simulations that leadership used for mid-range planning.

People Data (Co-Founder) — Defaro.io | 2019 – 2021

- Labour-market compensation analytics startup; incubated and backed by Özyeğin University.

SELECTED PROJECTS

Multi-Agent Position Classification — ACM CAIS '26

Confidence-gated multi-agent system on MCP that normalises free-form job titles in five languages to O*NET / ESCO. 72.5% less classification time (4.0 to 1.1 min per position), up to 95% segment-level accuracy.

Keywords: Next.js, MCP, Vercel AI SDK, Anthropic SDK, Multi-Agent, Hooks

Tokalator: Context Engineering Toolkit (Open Source) 500+ installs

VS Code extension and web platform for real-time token budgeting and context optimisation for AI coding assistants; supports 17 models with a PostgreSQL-backed usage tracker. Marketplace | tokalator.ai

Keywords: TypeScript, Next.js, VS Code Extension, Token Economics

Enterprise AI Transformation (Sales, Finance & R&D)

Delivered AI initiatives across several business units, using agentic workflows for sales reporting, financial analytics and R&D automation. Covered PoC design, MLOps-ready APIs, security reviews and production hand-off.

Keywords: FastAPI, Agno, Pydantic, Azure, GCP

Job Matching & Workforce Canvas Graphs

AI-assisted matching pipelines for workforce programmes, plus node-graph canvas components for tracking position clusters across geographic and departmental variables.

Keywords: Claude Code, Python, Node-Graph Analytics

Weekend Advisor – Baachee.ai (Agent AI Studio)

Advise on rapid-deployment agent frameworks: tool integration, text-to-SQL parsers and node-graph canvas flows.

Keywords: Agent Architecture, Framework Design, Protocol Integration

TECHNICAL SKILLS

Agents & Harness	agent harness engineering, agent skills, MCP server/client design, Claude Agent SDK, LangGraph, Agno, Microsoft Copilot Studio, multi-agent orchestration, tool use, guardrails
LLM Engineering	RAG, context engineering, token budgeting, prompt composition, evals and benchmarking, tracing with Langfuse, failure analysis, Arize observability
Full-Stack	TypeScript 7, Next.js, Vercel AI SDK, Vercel deployment, Python (async, FastAPI, Pydantic), SQL, database schema design, REST APIs
Product & Delivery	spec-driven design, problem discovery with operators, stakeholder alignment, PoC-to-production, internal & operator-facing tools
Models & Data	Anthropic Platform, OpenAI / Azure Foundry, Vertex AI; PostgreSQL / pgvector, BigQuery, Azure Synapse, DataHub, Docker

PUBLICATIONS

Multi-Agent Position Classification with Tool Orchestration: Use Case System for Occupational Taxonomy Mapping

V. Farajijobehdar, İ. Köseoğlu Sarı, N. K. Üre, E. Zeydan. Proc. ACM Conference on AI and Agentic Systems (CAIS '26), Demo Track, San Jose, 2026. [DOI 10.1145/3786335.3813207]

Tokalator: A Context Engineering Toolkit for Artificial Intelligence Coding Assistants

V. Farajijobehdar, İ. Köseoğlu Sarı, N. K. Üre, E. Zeydan. arXiv:2604.08290, April 2026.

Leveraging LLMs For Turkish Skill Extraction

E. Arslan İltüzer, Ö. A. Özlü, V. Farajijobehdar, G. Eryığit. arXiv:2601.22885, January 2026.

TALKS & COMMUNITY

Context Engineering for AI-Native Dev, Only Builders Club	2026
Deep Agent Frameworks for SaaS, Bridge Summit '25	2025
Enterprise Prompt Engineering and Tool Design, Kayseri University & Van University	2025
Trainer, Applied AI Course: Agents, MCP and AI-Native Development (18 hours)	2026
AI Career Mentor, TEV (Turkish Education Foundation)	2026

EDUCATION & ADDITIONAL

M.A. in Economics Ibn Haldun University | 2019 – 2023

Thesis: Real-Time Labor Market Analysis: A Data-Driven Approach

Teaching Assistant, Econometrics I; Research Fellowship in labour-market analytics

Memberships: ACM Professional Member | **Patents:** 1 pending

Certifications: Anthropic Claude Certified Architect, Google GenAI Leader

Languages: English (C1), Turkish (Native), Spanish (Instructor Level), Portuguese (Basic), Japanese (Learning)