Vahid Faraji.

vfaraji89@gmail.com | WhatsApp +90 541 940 2411
LinkedIn | GitHub | vfaraji89.github.io

Senior Applied AI Specialist · AI Solutions Architect

SUMMARY

Applied AI specialist working AI-native, 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 in TypeScript, Next.js and the Vercel AI SDK, and in Python, with the Claude Agent SDK, Azure AI Foundry and Vertex 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 Harnesses | Context Engineering | Evals & Observability | Agentic Workflows | MCP & Agent Skills | Multi-Agent Systems | Text-to-SQL | Open Source | Published Research

Research interests: agents for labour-market data (job titles and skills to O*NET / ESCO) | multilingual skill extraction for lower-resource languages | context engineering and token cost | evaluating agentic systems in production

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.
- 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 and reporting automation for 200+ colleagues (−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

Applied AI, Simplified (Open Guide & Job-Ad Tracker) — companion to my book

Free guide in five languages: a daily tracker of AI job ads from 200+ public career pages, a map of 600+ tools, and an open dataset. vfaraji89.github.io/applied-ai-simplified

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, Claude Agent SDK, LangGraph

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 usage tracker. Marketplace | tokalator.ai

Keywords: TypeScript, Next.js, MCP

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: LangGraph, Agno, MCP, Azure AI Foundry, Google Cloud

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

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: Text-to-SQL, MCP

TECHNICAL SKILLS

Applied AI	Claude Code, Claude Agent SDK, Copilot Studio, Azure AI Foundry, Vertex AI, LangChain, LangGraph, Deep Agents, Agno, ElevenLabs, Vapi
Data & Retrieval	RAG, Vector DB, BigQuery, Google Cloud, SQL, Text-to-SQL, DataHub, Hugging Face, Perplexity AI Search
Product Engineering	Python, TypeScript, Next.js, Vercel AI SDK, Microsoft Agents SDK, Azure DevOps, MCP, Langfuse, Power Automate, Zapier

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: Google Generative AI Leader; Anthropic Claude Certified Architect (in progress)

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