Vahid Faraji

Sr. Applied AI Specialist

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Summary

Applied AI Specialist with 8+ years leading cross-functional teams in data products, multi-agent systems, and enterprise AI transformation. Expertise in multi-agent orchestration (LangGraph, MCP, Agno), context engineering, and agentic workflow design with enterprise hand-off. Builder of open-source tooling (Tokalator) and production AI pipelines serving 20M+ users. Strong track record in documentation & context design, productivity optimization, and stakeholder management. Multilingual (English, Spanish, Turkish). Skilled in cloud platforms (Azure, Google Cloud), FastAPI, TypeScript, and modern AI infrastructure.

Experience

Senior Applied AI Specialist   Kariyer.net | Mar 2025 – Present

- Enterprise-scale LLM pipeline projects (Sales Report Automation, Finance data and text-to-sql), managing scope, prototype, and resource allocation across engineering and product teams.
- Directed AI-powered feedback automation project serving 100+ users, reducing manual operational tasks by 60% through intelligent workflow orchestration (SQL, Power Automate, Python); managed requirements, timeline, and stakeholder communication
- Designed and implemented token-efficient prompt/context engineering frameworks adopted as organizational standard; active member of AI-transformation in Kariyer.net and ilab (grant of 40 K USD of perplexity, generative ai leader certified by Google)
- Managed technical specifications, design reviews, and cross-functional coordination with engineering, product, and operations teams

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

- Metadata management system serving 300M+ data-points (text and numerical data); coordinated architecture design, implementation phases, and team execution
- Spearheaded organizational adoption of AI frameworks and context engineering standards; conducted training and cross-functional alignment with C-level stakeholders
- Built and maintained real-time analytics pipeline informing strategic product decisions; managed data infrastructure, quality assurance, and reporting to executive leadership
- Established data governance and weekly reporting cadence tracking budget control and milestone completion

Business Analyst – Data Analytics & Operations   WorqCompany | Sep 2021 – Oct 2022

- Led analytics initiative designing forecasting and financial models used by executive team for strategic planning; gathered requirements, managed stakeholders, and delivered on-time
- Conducted statistical analysis for revenue forecasting and risk assessment; improved prediction accuracy supporting business decision-making
- Documented processes, created operational dashboards, and improved team efficiency through analysis-driven recommendations

- Collaborated across finance, operations, and product teams to deliver insights supporting business transformation initiatives

Co-Founder Defaro.io | 2019 – 2021

- Labor market analytics startup — built the data pipeline and product strategy from scratch; granted by Özyeğin University

- Developed compensation intelligence tools and career pathway analytics for the Turkish labor market

- Archived due to team change and difficulty of visa-based startup operations in Türkiye

Selected Projects

Tokalator — Context Engineering Toolkit *(Open Source)*
VS Code extension (GitHub Copilot) for real-time token budget monitoring, tab relevance scoring, and context optimization with 11 chat commands. Web platform with Cobb-Douglas quality-of-output calculators. Reusable catalog of context engineering prompts, agents & instructions. Covers 15 models across Anthropic, OpenAI & Google with formal cost models for optimal token allocation and caching break-even analysis. *Next.js, React, VS Code Extension, Token Economics*

Multi-Agent Position Classification *(Research)*
MCP-based multi-agent system for cross-lingual normalization of free-form job titles to O*NET & ESCO taxonomies. Hierarchical agent framework with root Content Agent delegating to specialized sub-agents (web search, content extraction, DB queries, trend analysis) with multi-layered memory. Evaluated on 14K+ positions — 72.5% reduction in classification time, 86.2% rule-based segment accuracy, 95% LLM segment accuracy (0.94 avg confidence). *MCP, LangGraph, O*NET, ESCO, Multi-Agent*

AI Transformation (Sales, Finance & R&D)
Enterprise AI transformation across Sales, Finance and R&D — designing, building and testing agentic workflows with full enterprise hand-off. *FastAPI, LangGraph, Agno, Pydantic*

Text-to-SQL (Text to Report)
Natural-language to SQL pipeline turning business questions into structured reports via RAG and query generation agents. Reduced analytics team backlog by 40% enabling self-service analytics. *Python, SQL, RAG, BigQuery*

Self-Learning Agents
Autonomous agents that improve through feedback loops — designed, built and tested with enterprise hand-off methodology. *LangGraph, MCP, Agno, Arize*

Workflow Automation Program
Automated 20+ hours/week of manual operational processes; achieved 75% reduction in manual preparation time. *Power Automate, n8n, Python*

Technical Skills

AI & Agents: LangGraph, MCP, Agno, LangChain, OpenAI, RAG, Context Engineering, Agent Eval & Benchmarking, Agent Garden (Google), Observability (Arize)

Languages & Frameworks: Python (FastAPI, Async), TypeScript, SQL / Text-to-SQL, Pydantic, Next.js / React (Vercel, V0)

Data & Infrastructure: PostgreSQL, Supabase, Azure Synapse, BigQuery, Vector DBs, ETL / Data Ingestion, DataHub, Docker

Automation & DevOps: n8n, Power Automate, GitHub Copilot, VS Code Extensions, Azure, Google Cloud, PowerBI

Core Competencies: Documentation & Context Design, Planning & Product Strategy, Data Product Development, Productivity Engineering, Agile/Scrum, Stakeholder Management

Education

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

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

Teaching Assistant for Econometrics I | Research Fellowship

Talks & Conferences

Only Builders Club — Token Economics & Context Engineering for AI-Native Development	2025
Deep Agent for SaaS — Bridge Summit '25	2025
Prompt Engineering & Applied AI — Kayseri University (techcareer)	2025
Prompt Engineering & Applied AI — Van University (techcareer)	2025

Additional

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

Community & Leadership: Career Mentor at TEV | Speaker on AI Architecture and Technical Project Management

Publication: Leveraging LLMs For Turkish Skill Extraction | arXiv:2601.22885 (January 2026)

Open Source: Tokalator — Context engineering toolkit for AI coding assistants