FARUK KAMÇICI

Data Engineer · Full-Stack & Applied AI

Istanbul, Türkiye · farukkamcici@gmail.com

linkedin.com/in/farukkamcici · github.com/farukkamcici · farukkamcici.me

SUMMARY

Data engineer at a consultancy, embedded in a large Turkish holding group's data team. Work directly with business stakeholders to turn ambiguous needs into production solutions using Fabric, Azure and Power BI. Outside work, I ship full-stack and AI-powered applications.

WORK EXPERIENCE

Junior Data Engineer Mar 2026 – Present

Ensight Data & AI | Istanbul, Türkiye | promoted from Assistant Data Engineer in Sep 2026

- Identified a recurring data discovery problem and independently built a Python lineage and governance platform spanning 30 Fabric workspaces, 2,000+ ETL objects and 1,000+ tables; used in production for troubleshooting, impact analysis and onboarding.
- Translated ambiguous marketing requirements into an executive Power BI report; another team requested a similar redesign. Built an internal AI-assisted workflow to accelerate report development.
- Reduced Fabric lakehouse storage by 90% (40 TB to 4 TB) with a scheduled PySpark workflow applying selective Delta VACUUM and OPTIMIZE across lakehouses.
- Owned implementation, performance analysis and validation of a team-designed pipeline refactor, cutting overnight runtime from 8 h to 2.5 h on the same workload.
- Build production Fabric and Azure pipelines and Power BI models over SAP finance and manufacturing data, including 250M+ row tables.

Software Developer Intern Jul 2024 – Jan 2025

Askipo | Istanbul, Türkiye

- Built the company's new customer mobile app from scratch as its main developer (Ionic, TypeScript, .NET API).

PROJECTS

Handlez: fantasy basketball assistant for iOS *App Store*

- Built an LLM assistant using tool calls over live league data and news, evaluated against test questions; offers projections, matchup analysis, alerts and widgets in six languages.
- Shipped on the App Store in Oct 2026 with an Expo client, TypeScript API, Supabase Postgres, 15-minute sync jobs and scheduled workloads on a self-managed Hetzner VPS.

DoluMu: crowding forecasts for Istanbul public transport *App Store*

- Built a Polars feature pipeline and a LightGBM model for 760+ transit lines (15% normalized MAE, ~75% lower MAE than daily and weekly lag baselines), serving web and iOS apps through FastAPI and PostgreSQL.

Agent team: multi-agent software development orchestrator

- Built an orchestrator coordinating parallel Claude Code and Codex workers, cross-model code reviews and task feedback; used it to develop and ship Handlez.

mectrics: open-source macOS system monitor *github.com/farukkamcici/mectrics*

Built a menu-bar monitor for CPU, GPU, memory and sensors in Swift and SwiftUI; 160+ GitHub stars.

EDUCATION

Yeditepe University Sep 2021 – Feb 2026

BSc Management Information Systems, Istanbul | 100% scholarship | Erasmus+ exchange, Warsaw, 2025

SKILLS

AI: LLM APIs (OpenAI, Anthropic, Gemini), AI agents, tool calling, multi-agent systems, RAG, evals, prompt engineering
Software: Python, TypeScript, React, Next.js, Expo, FastAPI, REST APIs, Supabase, PostgreSQL, Docker, Linux, Git, CI/CD
Data and cloud: SQL, PySpark, Microsoft Fabric, Azure (Data Factory, Synapse), Delta Lake, Power BI, DAX, dbt, Vercel
Spoken: Turkish (native), English (B2)