# Sofien Fejji

AI Engineer | Senior Consultant · Berlin, Germany

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## SUMMARY

AI Engineer and Senior Consultant with 6+ years designing and delivering applied AI and enterprise data solutions. Deep Data Engineering and Cloud background combined with hands-on Generative AI delivery: agentic AI systems, RAG pipelines and LLM applications, from business problem through deployment. Currently working on two products — AlphaTrade and a digital twin representation. Seeking Forward Deployed Engineer or Applied AI roles focused on production AI and measurable business impact.

## KEY ACHIEVEMENTS

- Built 6+ applied AI applications end to end, from concept through deployment and evaluation, backed by 17,000+ automated tests.
- Cut screen time by 90% and modelled about 40% lower AI cost through cost-aware routing.
- Modernized multi-terabyte data platforms across 2,500+ legacy objects and 10+ business units, delivering 100+ dashboards for 1,000+ users.
- Mentored 6–7 junior consultants; led 10+ knowledge sessions reaching 100+ participants on AI, Data and Cloud.

## EXPERIENCE

**AI Engineering** · Career switch — Jul 2025 – Present

- Built 6+ applied AI applications end to end, from concept through deployment and evaluation, backed by 17,000+ automated tests.
- Completed Turing College AI Engineering Program (Mar–Jun 2026); currently in Building with AI Agents Program (Sep 2026–present).
- Earned Azure AI certifications: Azure AI Engineer Associate and Azure Data Fundamentals.
- Freelance: working prototype automating pharmacy inventory and document intake with AI image recognition.

**Senior Consultant, Data Engineering and Analytics** · Reply Germany, Munich — Jan 2023 – Jun 2025

- Designed and maintained scalable data architectures, data models and ETL/ELT pipelines across cloud and enterprise environments, providing reliable data foundations for analytics and AI.
- Delivered cloud migrations and redesigned transformations with reconciliation, testing and data-quality controls.
- Mentored 6–7 junior consultants and led 10+ knowledge sessions on AI, Data and Cloud for 100+ participants.

**Junior Consultant, Data Engineering and Analytics** · Reply Germany, Munich — Jan 2020 – Dec 2022

- Built ETL/ELT pipelines and enterprise data warehouses across 4+ client engagements in banking, energy, manufacturing and retail.
- Translated stakeholder requirements into data models, KPIs, dashboards, and reports.
- Developed BI, analytics, dashboards and decision-support solutions that transform complex enterprise data into actionable insights for business and management stakeholders.

## PROJECTS

**AlphaTrade AI** · A personal AI trading copilot that keeps the trader disciplined.

**SOF AI** · A voice agent built to answer recruiter calls for me, so first calls don't eat my week.

**OnePilot AI** · One AI workspace for company knowledge, customers, email and calendar

**Data Pilot AI** · An AI co-worker that builds and fixes data pipelines, safely

**AI Career Intelligence Assistant** · CV-aware career platform combining candidate context with labour-market evidence. Job analysis, skills-gap assessment, interview prep and learning recommendations.

## SKILLS

**AI Engineering:** LLMs, Generative AI, AI agents, RAG, Orchestration, LangGraph, LangChain, Tool calling, Prompt engineering, Guardrails, AI evaluation, RAGAS
**Programming & APIs:** Python, SQL, JavaScript, FastAPI, REST APIs, OpenAI APIs, Pydantic
**Data Engineering:** ETL/ELT, Data pipelines, dbt, Airflow, Azure Data Factory, Databricks, Dimensional modelling, Data Vault 2.0
**Databases & Retrieval:** PostgreSQL, Snowflake, Oracle, Qdrant, Redis, Embeddings, Vector search
**Cloud & DevOps:** AWS, Azure, Docker, Git, GitHub Actions, CI/CD
**BI & Analytics:** Power BI, Tableau, MicroStrategy, Looker, KPI design

## EDUCATION

**Building with AI Agents** — Sep 2026 – Present
Turing College. 4 live projects: Claude Code, subagents, agent memory and skills, MCP, Playwright testing, deployment.

**AI Engineering Program** — Mar – Jun 2026
Turing College. 520 hours, grade 100%. AZAV-certified 13-week program. 4 hands-on projects: LLM apps, RAG, LangChain, LangGraph, agents, APIs, automation, prompt evaluation.

**B.Sc. and M.Sc. Electrical Engineering and Information Technology** — 2013 – 2019
Technical University of Munich. Focus: Data, Analytics and ML. Master's thesis at BMW: deep-learning model for soft real-time driving-style detection, 98% accuracy.

## LANGUAGES

Arabic (native) · French (native) · English (C1) · German (C1) · Spanish (A2) · Italian (A1)

## CERTIFICATIONS

Microsoft Azure AI Engineer Associate (AI-102)
Microsoft Azure Data Fundamentals (DP-900)
SnowPro Core
Certified Data Vault 2.0 Practitioner
Exasol Associate
Exasol Performance Expert
MicroStrategy Architect, Developer and Data Scientist
Tableau Desktop Designer
Professional Scrum Master

## PUBLICATION

Co-author, “Modeling Dangerous Driving Events Based on In-Vehicle Data Using Random Forest and Recurrent Neural Network.” IEEE Intelligent Vehicles Symposium, 2019. DOI 10.1109/IVS.2019.8814069