

Sofien Fejji

AI Engineer | Senior Consultant · Berlin, Germany

sofien.fejji93@hotmail.com

linkedin.com/in/sofien-fejji

github.com/Fejji

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 building an Agentic Data Engineering platform. Seeking a Senior AI Engineer or Applied AI role focused on production AI and measurable business impact.

KEY ACHIEVEMENTS

- Developed 6+ applied AI applications from concept through implementation, testing and evaluation; verified CI results include 7,500+ passing automated tests across five applications.
- Modernized multi-terabyte data platforms spanning 2,500+ legacy objects and 10+ business units.
- Delivered 100+ dashboards and reports across 20+ business units, serving 1,000+ enterprise users.
- Mentored 6-7 junior consultants; led 10+ knowledge sessions reaching 100+ participants on AI, Data and Cloud.

EXPERIENCE

Senior Consultant, AI and Data Engineering · Reply Germany, Berlin

Jan 2023 – Present

- Automated 5 onboarding and knowledge processes across 3 Reply units with LLM and RAG assistants, enabling self-service knowledge access and reducing repetitive support effort.
- Built governed AI workflows with retrieval, tool calling, structured outputs, guardrails, evaluation, fallback logic and human oversight.
- Delivered data solutions from ingestion and transformation through modelling, warehousing and BI.

Consultant, Data Engineering and Analytics · Reply Germany, Munich

Jan 2020 – Dec 2022

- ETL/ELT pipelines and enterprise data warehouses across 3+ client engagements in banking, energy, manufacturing and retail.
- Cloud migrations and transformation redesign with reconciliation, testing and data-quality controls.
- Turned stakeholder requirements into data models, KPIs and dashboards.

PROJECTS

AlphaTrade AI · Trading copilot bringing market context, strategy validation, paper execution and journaling into one workflow. 15 deterministic risk controls and human approval; validated with 2,531 application tests and 28 AI evaluation cases.

OnePilot AI · Agentic business workspace for fragmented internal knowledge and repetitive employee questions. Grounded retrieval over company documents and web info with governed workflows, for knowledge access and onboarding.

SOF AI · Personal AI assistant with text and voice — details coming soon.

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.

Agentic Data Engineer (in progress) · Platform to automate data-engineering workflows. Covers ingestion, transformation, testing, monitoring and documentation.

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

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, agents, APIs, automation, prompt evaluation, capstone.

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