

Shaon Sani

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Application – Senior Data Engineer Machine Learning (m/w/d) | consideration for junior/working-student track

Dear Hays Recruiting Team,

I am a M.Sc. student in Artificial Intelligence in Germany with hands-on experience building data pipelines and model-driven systems in Python. Most recently, I designed and implemented CareerAgent, an autonomous job-search agent that performs nightly ingestion from official German job APIs (Bundesagentur für Arbeit, Adzuna, Greenhouse/Lever), applies LLM-based match scoring with structured outputs, and supports human-in-the-loop CV and cover-letter tailoring.

Through CareerAgent I planned and operated an end-to-end pipeline: integrating heterogeneous sources via REST, normalizing and storing data in a lightweight store (SQLite), orchestrating runs with GitHub Actions, and exposing results for downstream workflows. This work reflects the role's emphasis on scalable data flows, automation, and applying AI/ML to real processes. My toolset includes Python, SQL, Docker, Git, REST APIs, and practical experience putting data and models into a repeatable, automated process.

The scope you outline—cloud-based data architectures, automated pipelines, and ML/AI applications supporting business decisions—closely matches the kind of work I want to grow into. While this posting is for a senior profile, I would be glad to contribute as a junior/working student in your data/AI projects, supporting pipeline development, data preparation, and model integration while learning from senior engineers. I have not yet worked with SAP Business Data Cloud or the Microsoft Power Platform, but I am eager to learn them quickly and apply them in production contexts.

I am based in Germany and available to interview. My German is A2 and improving; I work fluently in English (C1). I am on a student visa and will need employer sponsorship (or can use the 18-month job-seeker visa after graduation). If my profile fits a junior, entry-level, or working-student path within your client environment in Laupheim or remotely in Germany, I would welcome the opportunity to discuss how I can add value from day one.

Kind regards, Shaon Sani | shaon.sani.ss1@gmail.com

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