

AI recruitment automation — Zoho Recruit, Python & LLM orchestration

Region: Germany (CSR Informatics GmbH) **Duration:** Jun 2024 – Aug 2024 **Team:** 4 engineers

Python-driven recruitment automation with OpenAI integration — intelligent job search, local SQL data management, and operator-facing web workflows with guardrails, not unchecked auto-send.

CHALLENGE

Automate recruiting workflows without losing control

Integrate Zoho Recruit with AI-assisted search and response patterns while keeping data hygiene, traceability, and human review boundaries explicit for HR operators.

APPROACH

LLM orchestration with production data discipline

- Python services for Zoho API integration and local SQL import pipelines
- OpenAI integration for structured search and candidate communication patterns
- Web application with comprehensive search and operator visibility
- Senior oversight on PII, idempotency, and failure modes

TECHNOLOGY

Stack & delivery surface

Python OpenAI API SQL Zoho Recruit Web app AI guardrails

OUTCOMES

What the programme proved

- Production AI automation — referenced on sevendyne.com/projects/python/
- Demonstrates Sevendyne AI infrastructure narrative for EU clients
- Short, focused delivery window with clear milestone scope