Renan Heckert Leal

29 years old.

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- github.com/lealre

PROJECTS

Web App for a Digital Book Collection with JWT Authentication - Python with FastAPI for the backend and TypeScript with React for the frontend.
Available at: https://github.com/lealre/madr-fullstack

Payment Gateway and Background Processing for Photo Portrait Orders – Built using Stripe, Celery, Redis, FastAPI, and AWS S3.
Available at: https://github.com/lealre/stripe-photo-gateway

Orchestrating an ETL with Airflow - Python project to extract files from Google Drive, transform and validate them to ensure data quality, and store them in a PostgreSQL database.
Available at: https://github.com/lealre/etl-airflow

Access my full portfolio at: github.com/lealre/Portfolio

RELEVANT SKILLS

Python - FastAPI, Django, Pydantic, SQLAlchemy, pytest
Java, Spring Boot, SQL, NoSQL (MongoDB, Redis), shell scripting, bash, Linux, Docker, AWS (S3, EC2)

CERTIFICATIONS

Data Engineer Associate - Issued by DataCamp - View Certificate
Data Science Course - Issued by Miles in The Sky - View Certificate

EDUCATION

Jan/2015 – Nov/2020

Master's Degree: Industrial Engineering
Polytechnic Institute of Bragança - Portugal.

WORK EXPERIENCE

Feb/25 – Present

Software Engineer - Gentek.ai, London
- Create and maintain Python microservices to orchestrate the document chunking pipeline for RAG applications, including document conversion and OCR.
- Maintain and develop backend features using Java, Spring Boot, and Spring AI.
- Develop and maintain the internal Python SDK; use Docker for containerization and local development; write shell scripts for Linux environments.

Aug/21 – Out/24

Supervisor - Schindler S.A., Lisbon
- Manage elevator installation projects from delivery to certification. In 2024, I was able to complete and deliver over 50 projects, ranking among the top 3 in Portugal;
- Lead and manage a team of up to 8 technicians. In 2023, I was able to help develop and certify 3 new technicians, contributing to the company's resources;
- Communicate and cooperate directly with clients, meeting contractual deadlines;

Jan/2021 – Aug/21

Internship - Schindler S.A., Lisbon

LANGUAGES

- Portuguese - Native;
- English - B2;