Check my more complete CV in web format!
cvdiegolopez.eu



DIEGO LÓPEZ

Data & Software Engineer

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Madrid, Spain

ABOUT ME

Data Engineer based in Madrid, Spain. Curious, self-teaching, proactive.

Focused in the areas of Data, ML/AI and software development, I am also interested in (cyber)security, DevOps and all things technical!

In my free time, I am studying a Masters degree on Philosophy of Science & Logic

EDUCATION

Materials Science and Engineering Bachelor - UPM (2015-19)

Philosophy of Science & Logic Masters - UNED (2026 -)

SKILLS

Data Engineering

Software Engineering

Platform Engineering

Machine Learning

SIDE PROJECTS

Botwenger (end-to-end ML workflow)

CV website

LANGUAGES

English (fluent)

Spanish (native)

EXPERIENCE

Data & Software Engineer
November 2023 - today

Allianz Direct

Data & Software Engineer in charge of building, maintaining and scaling a unified Data Platform as a core component of a data-centric company. My responsabilities include:

- Develop an ecosystem (custom libraries, CI/CD pipelines, IaC) in which users can automatically ingest data (Kafka, APIs, files) and transform it (Python, dbt) by just filling templates
- Build custom pipelines for Data Analytics and Machine Learning use cases
- Data governance (IAM, GDPR, data quality)
- Platform security (access controls, security by depth)
- Cost optimization (storage and compute)
- Platform monitoring (both internal and user-facing dashboards)

Tech stack: Data Platform based on Azure Databricks. Code developed in Scala, Python and SQL. GitHub used for version control and CI/CD. Terraform for IaC. For ingestion and transformation: Kafka, Spark, pandas, dbt.

Data Engineer
March 2022 - November 2023

Alten

Data Engineer in charge of building data pipelines to ingest, transform and load data from different business applications into a unified cloud-based data lakehouse, serving the business needs all across the process. The data lakehouse was based on Azure Databricks, and the pipelines were bulit using Scala, Python or SQL within the Spark framework. Other tools used: Azure Synapse, Azure Data Factory, Azure DevOps.

Automation Developer
October 2019 - March 2022

Prosegur

Automation of manual business processes for departments within the company, using tools such as Python, SQL and Blue Prism.

LINKS

- LinkedIn
- GitHub