

# Diego González Liarte

Software Developer

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## About me

With **2 years** in software development, I've worked as a **Backend** and **Full-Stack** Developer and ventured into **CLI** applications, **mobile** apps, **video games**, and **AR** in personal projects. My experience in small teams has also expanded my expertise into **DevOps**, adapting to varied roles beyond my official title

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## Experience

Sep 2023- Present

**Software Developer**, *SEMIC*

- Refactored and integrated a standalone **Python** script into an established **Django** application, enhancing functionality and improving system cohesion
- Automated testing and deployments using **CI/CD** pipelines with **GitLab Runners**
- Built **Python** servers using **FastAPI** to ease communication between different internal projects

Oct 2021 - March 2023,

**Software Developer**, *Perspectiv*

- Designed, implemented and deployed new modules for a pipeline of an existing application that connected to multiple RTSP cameras and used **machine learning** and **computer vision** to detect infractions committed by factory workers, with the usage of **Python**, **OpenCV** and **AWS**
  - Created multiple **microservices** from an existing monolith using **Python**, **Redis**, **FastAPI** and **Docker**
  - Automated deployments using **CI/CD** pipelines with **GitHub Actions**
  - Undertook the role of a **QA** by creating unit and integration tests for a whole project consisting in +20k lines using **pytest**, as well as adding **documentation** and **monitoring** of various metrics
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## Education and Certifications

2019 - 2024

Double Bachelor's degree: **Computer Engineering and Business Administration and Management**, *Universitat de Lleida*

**AI-102, AI-900, SC-900, DP-900** issued by *Microsoft*

**Google IT Automation Professional Certificate**, issued by *Coursera*

**Google IT Support Professional Certificate**, issued by *Coursera*

**Google Data Analytics**, issued by *Coursera*

**First Certificate (B2)**, issued by *Cambridge*

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## Skills

Python, JavaScript, bash, Java, Kotlin, SQL, C/C++  
HTML, CSS, MongoDB, Express, React, Node

OpenCV, numpy, Flask, FastAPI, Django  
AWS, Unix, Docker, Git, GitHub, GitLab