Diego González Liarte

Software Developer

Location Spain, Lleida
Email diegogliarte@gmail.com
Phone +34 635 30 09 22
LinkedIn diegogliarte
GitHub diegogliarte

About me

I'm a **CS and Business student** with **+1 year of professional experience** as a part-time software developer. My work experience is quite extensive due to working on a small team and being involved in every step towards the final product. Always learning new technologies and facing new challenges!

Experience

Oct 2021 - present,
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** (Yolov4) 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 by using **CI/CD** pipeline 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

Education and Certifications

2019 - 2024
Double Bachelor's degree: **Computer Engineering and Business Administration and Management**, *Universitat de Lleida*

AI-900, **SC-900**, issued by *Microsoft*
Google IT Automation Professional Certificate, issued by *Coursera*
Google IT Support Professional Certificate, issued by *Coursera*
First Certificate (B2), issued by *Cambridge*

Skills

Python, Java, Javascript, C/C++, bash, SQL, HTML, CSS
OpenCV, numpy, Flask, FastAPI
Unix, Linux, Ubuntu
Git, GitHub, Docker, AWS

Projects

Sorting Visualizer Using **Python** and ANSI escape codes, implemented the most famous sort algorithms and visualized them on the terminal

Sudoku Recognizer Using **Python**, **OpenCV** and **ML**, recognized a sudoku board using a camera/webcam and solved it by using a backtracking algorithm

Various Minigames Using **JS** and **p5js**, created various minigames such as snake, Tic Tac Toe, checkers, or Conway's Game of Life