


LUIS MARTÍNEZ BORGES

Data and Automation Technician with Applied AI

Technical and entrepreneurial profile specialized in automation, data analysis and AI applied to business processes. Experienced in creating Power BI dashboards, Python/PowerShell scripts, n8n workflows, CRM integrations and RAG systems with embeddings. I combine data, automation and infrastructure to turn manual processes into scalable and measurable systems.

CONTACT

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Spain, Las Palmas

WORK EXPERIENCE

Data Analyst

Fundación IDEO



10/2024 - 12/2025



Spain, Las Palmas de Gran Canaria

- Automated HR reporting processes through Python scripts integrated into an internal web application, reducing the time required to generate monthly reports.
- Cleaned and transformed multiple database tables in A3 Innuva, standardizing structures and improving data quality.
- Developed several Power BI dashboards to monitor absenteeism rates by workplace, supporting management decision-making.

IT Technician

SmartBytes




03/2023 - 05/2023



Spain, Las Palmas de Gran Canaria

- Developed automation scripts in PowerShell and Python for system audit tasks, reducing repetitive manual work.
- Provided remote and on-site technical support to small and medium-sized businesses, resolving hardware, software and network issues.
- Implemented a web login system for an internal client portal, improving security and access management.

ENTREPRENEURIAL EXPERIENCE

 growwork.es

Automation Platform for Job Applications in Switzerland

Growork



10/2025 - Actual



Spain, Las Palmas de Gran Canaria

- Built Growork's technical ecosystem, including the public website, user portal, internal management dashboard, custom finance tool and internal Notion-style workspace.
- Deployed and managed self-hosted infrastructure on VPS servers using Dokploy, Docker, PostgreSQL and Cloudflare, configuring domains, deployments, security and maintenance.
- Developed automations with n8n, external APIs and CRM systems to connect forms, databases, email, sales follow-up and internal processes.
- Implemented a daily scraper for job offers and email extraction to support search, management and application workflows.
- Migrated processes from Zoho CRM to a self-hosted Twenty CRM setup, reducing SaaS costs and increasing control over data, operations and infrastructure.

PROYECTS

Visual Story Verification Platform for Event Promoters on Instagram

CDM & Alma Gran Canaria

 04/2025 - 05/2025  Spain, Las Palmas

- Developed a full-stack MVP to partially automate Instagram story verification for event campaigns involving multiple promoters.
- Implemented visual matching with SSCD, embeddings and cosine similarity to compare stories against reference creatives.
- Built an operational dashboard to manage events, promoters, tasks, deadlines, assignments and compliance statuses.
- Integrated Supabase/PostgreSQL, Next.js API Routes and FastAPI/Docker microservices to store, process and visualize results.

Mobile Time-Tracking App for Hotel Staff

The Onya Resort & Spa

 12/2025 - 02/2025  Switzerland, Bellwald

- Developed a cloud-based mobile MVP to digitalize manual time tracking in a hotel in Switzerland, allowing staff to record clock-ins, clock-outs, breaks, days off and split shifts.
- Implemented automatic calculation of net working hours, breaks, overtime and differences against monthly contractual hours.
- Built weekly, monthly and global views with a dashboard, calendar and accumulated hours summaries.
- Validated the app with 10 colleagues during a winter season, using real shift and schedule data.

EDUCATION

Open University of Catalonia (UOC)

2024 - Actual

Bachelor's Degree in Data Science

ICSE – Canary Islands Higher Institute of Studies

2021 - 2023

Higher Technician in Networked Computer Systems Administration

LANGUAGES AND CERTIFICATIONS

Languages

- Spanish (Native)
- English (B2)

Other

- Driving License (Category B)

Certifications

- SQL for Data Analysis (Codecademy)
- Data Analytics Certificate (Coursera)
- Advanced SQL (LearnSQL)
- Payroll & Contracts (A3 Innuva)

SKILLS

Data & BI: Python, SQL, Advanced Excel, Power BI

Automation & AI: n8n, RAG, embeddings, web scraping, APIs

Development: TypeScript, React, Next.js, React Native, Expo

Databases: PostgreSQL, MySQL, Supabase

Infrastructure: VPS, Docker, Dokploy, Cloudflare, Git

CRM: Twenty CRM, Zoho CRM, dashboards, herramientas internas

SOFT SKILLS

Self-Directed Learner

Problem-Solving

Analytical Thinking

Adaptability

Project Management

Emotional Intelligence

Results-Oriented