

# LUIS GONZÁLEZ BERNAL

SRE | DevOps | CI/CD | Automation

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Site Reliability Engineer with a background in Backend Development with Python. Experience in automation with Rundeck, Ansible and GitLab, creation of CI/CD pipelines and deployment in Kubernetes. I enjoy working within agile teams and collaborating with others to find innovative solutions.

## SKILLS

**DevOps & SRE:** CI/CD, Jenkins, Ansible, Docker, Kubernetes, Rundeck, Git, GitHub, GitLab, Bitbucket, Prometheus, New Relic, EFK Stack, Sysdig, Gitflow, Trunk-Based Development.

**Backend & Data:** Python, Django, Django REST Framework, NumPy, Pandas, R, Shiny, Plotly, JavaScript, MySQL, PostgreSQL.

**Cloud & Platform:** AWS, Linux, Backend, Full-Stack.

**Languages:** English — Professional proficiency. Spanish — Native.

## EXPERIENCE

### Famytec (contractor at Roche)

DevOps / SRE — Team Lead

Madrid, Spain

01/2022 – Present

- Manage the Rundeck instance at Roche running ~3,000 jobs/day. Built CI/CD pipelines deploying Rundeck on Kubernetes with Ansible and Jenkins, reaching an SLI of 99.97%. Diagnose and resolve issues while minimizing user impact.
- Extended Rundeck with custom Python and Bash plugins integrating Splunk, ServiceNow and HashiCorp Vault.
- Built *Autodispatcher*, a Django web app that classifies ServiceNow incidents with a neural network and auto-assigns them to the right technician, cutting ticket assignment time by 90%. Stack: Python, Django, JavaScript, Docker, Nginx, Celery.
- Helped users automate processes with Rundeck (e.g. bulk update of 600+ AWS accounts), running demo days and writing onboarding guidelines.
- As Team Lead, guide a group of SREs embedded across client projects — fostering continuous learning, sharing best practices and ensuring high engineering standards.

### Haciendas Bio

Backend Developer / Data Analyst

Badajoz, Spain

01/2018 – 12/2021

- Designed and shipped an ERP on AWS for the production department (40+ daily users), replacing Excel-based workflows and cutting data-recording time by 50%. Stack: Python, Django, JavaScript, AWS (EC2, RDS, S3, Lambda), Linux, Docker.
- Built a BI platform to control production costs, enabling data-driven decisions that reduced some activity costs by 20%. Stack: R, SQL, Shiny, RMarkdown, Plotly.
- Developed harvest-prediction models for multiple crops, improving forecast accuracy by 70%. Stack: R.

### Haciendas Bio

Agricultural Engineer

Badajoz, Spain

06/2016 – 12/2017

- Managed and planned work units on a farm operation, leading teams of up to 50 people.

## EDUCATION

### University of Córdoba

Master in Digital Transformation

Córdoba, Spain

2018 – 2019

### University of Córdoba

Master in Agricultural Engineering

Córdoba, Spain

2015 – 2017

### University of Extremadura

Degree in Agricultural Engineering

Badajoz, Spain

2011 – 2015

## PROJECTS

### fnanalytics

2020 – Present

- ERP that helps farmers be more efficient. Allows farmers to record all crop work and analyze costs in an advanced way.

## MENTORSHIP

- **Python Teacher** (2023 – Present): Programming, Data Structures & Algorithms, Django, Data Analysis with Python.
- **DevOps Teacher** (2024 – Present): CI/CD, Automation.

## AWARDS & CERTIFICATIONS

- **Copernicus Hackathon Málaga — 1st Prize** (2020): App using satellite imagery to predict and visualize mosquito and jellyfish outbreaks.
- **A3BT Business Project Competition — 1st Prize** (2020): ERP that helps farmers be more efficient.
- **Certified SAFe® 5 Agilist.**