



Juan Diego Sierra Fernández

SRE/DevOps & Cloud Architect



Madrid, Spain (UTC+2)
Remote
Hybrid
On-site



juandiegosierrafernandez
@gmail.com



+34 646 898 881



jdiegosierra.github.io



-> **var Resume =**

With over **9 years of experience** in the tech industry, I have had the opportunity to work with diverse technologies, including **Blockchain, IoT, Videogames, and AI**. I have developed strong programming skills in languages such as **JavaScript, TypeScript, and Python**, along with expertise in **Amazon Web Services (AWS)** as a cloud provider. Additionally, I have extensive experience with SRE-related technologies, such as **Kubernetes, Helm, Prometheus, Terraform, Ansible, and GitLab**.

This background has enabled me to gain a comprehensive understanding of the entire software ecosystem.

Currently, I am particularly interested in specializing in **MLOps**. If you are seeking a multidisciplinary professional capable of tackling complex challenges and delivering effective solutions, I would be an excellent fit for your team.

-> **var Experience =**

The Workshop (Dic. 2023 - Present)

Site Reliability Engineer

Responsibilities:

- Standardizing CI/CD processes across seven verticals.
- Managing and maintaining over 100 Kubernetes clusters.
- Contributing to open-source projects.
- Mentoring and supporting junior SREs.

Tech Stack: **Kubernetes, Helm, ArgoCD, Prometheus, Docker,**

OpenTelemetry, Bamboo, Gitlab, Terraform, Ansible, Java, Maven.

Mindcurv (Consultancy) (Jul. 2022 - Dic. 2023)

Senior Infrastructure Developer

Responsibilities:

- Enhancing the cloud infrastructure of auxmoney.com.
- Working in an international team.
- Managing over 30 AWS accounts.
- Developing projects using Artificial Intelligence techniques, including Retrieval-Augmented Generation (RAG).

Tech Stack: **AWS, Azure, Kubernes (EKS), Docker, Ansible, Gitlab, Terraform, PostgreSQL (RDS), Grafana, EC2 (Linux), PHP, WordPress.**

Bdeo (Startup) (Jun. 2020 - Jun. 2022)

Cloud Architect

Responsibilities:

- Responsible for the entire infrastructure alongside the CTO.
- Building infrastructure from scratch, including Kubernetes clusters.
- Redesigning and migrating production AWS services.
- Optimizing deployment processes, reducing time from 1 hour to 10 minutes.
- Gaining deep expertise in the GitLab CI/CD API.
- Developing internal libraries using Node.js and TypeScript.
- Creating horizontal services, such as a notifications service.

Tech Stack: **AWS, Kubernes (EKS), Docker, CloudFormation, AWS CDK, Gitlab, DynamoDB, TypeScript, CloudWatch, NodeJS, TypeScript.**

Senior Full Stack Software Developer

Responsabilities:

- Mentoring juniors about clean code and best practices.

Tech Stack: NodeJS, TypeScript, AWS Lambda, Angular 2+, AWS API Gateway, Gitlab, Scrum, TDD, Docker.

Sopra Steria (Consultancy) (Feb. 2019 - Jun. 2020)

Blockchain Senior Developer (Airbus Defence & Space)

Additional info on my Linkedin profile.

Altair Engineering (Jun. 2017 - Feb. 2019)

IoT Developer

Additional info on my Linkedin profile.

Blocknitive (Startup) (Jan. 2017 - Jun. 2017)

Intern Full Stack Blockchain Developer

Additional info on my Linkedin profile.

-> var Certifications =

AWS Solutions Architect Associate (2022-2025)

Certified Kubernetes Administrator (2024-2028)



jdiegosierra.github.io

