



ÁNGEL SÁNCHEZ SIERRA

CLOUD DATA
ENGINEER


CONTACT

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 asanchezsierra@proton.me

 [Personal Website](#)

 [ANGELSANCHEZSIERRA](#)

 LENZBURG, SWITZERLAND

LANGUAGES

Spanish - Native

English - Fluent (TOEFL C1)

SKILLS

PROFESSIONAL

AWS - EXPERT

PYTHON - EXPERT

TERRAFORM - EXPERT

KUBERNETES - ADVANCED

ANSIBLE - INTERMEDIATE

GIT - EXPERT

DOCKER - ADVANCED

LINUX (BASH) - ADVANCED

SQL - EXPERT

SPARK - INTERMEDIATE

CI/CD - ADVANCED

DJANGO (API) - INTERMEDIATE

C++ - INTERMEDIATE

JS & REACT - ADVANCED

PERSONAL

TEAMWORK

ADAPTABILITY

PROBLEM-SOLVING

PROFILE

Cloud Data Engineer with a diverse background in **industry, data, logistics, supply chain (Amazon)** and **energy**. Proficient in **AWS** and **Python**, seeking a challenging role that utilizes my expertise in **cloud** technology, **big data** and **programming** languages. Strong problem-solving skills, team player, and ability to perform under pressure. As interesting facts I worked as a **volunteer** in Spain and I have created my own **personal website**.

EXPERIENCE

CLOUD DATA ENGINEER

ALPIQ - DATA & ANALYTICS

MAY 2023 - PRESENT **OLTEN (SWITZERLAND)**

Cloud Data Engineer at Alpiq working for IT Data & Analytics department, I maintain and improve **business** projects by ensuring high availability, resilience, and cost-effectiveness on the **AWS** platform. I achieve this by leveraging tools such as **Terraform** for infrastructure deployment, **GitLab** CI/CD for continuous integration and delivery, **Docker** for **containerization**, and **Kubernetes** for container orchestration, , consistently aligning with the latest technological advancements to support various business units.

DATA ENGINEER

DATACENTRIC - DATA INFRASTRUCTURES

DEC 2022 - MAY 2023 **MADRID (SPAIN)**

As a key figure, I managed **AWS** infrastructure projects for notable clients like **Santa Lucia** and **Apple**, alongside our **company's** own tech **infrastructure**. My role involved deploying and maintaining this infrastructure using **Terraform** and **Python**, focusing on tools like **Docker containers** and **EC2** to boost **automation** and **standardize** data processes. In handling both client and internal projects, my primary tasks were centered on employing **Terraform** for infrastructure setup and **Python** for **ETL Spark** code programming, ensuring **efficiency**, **reliability**, and alignment with the latest technology across all fronts.

BUSINESS INTELLIGENCE ENGINEER

AMAZON - LOGISTIC & SUPPLY CHAIN

MAR 2022 - SEP 2022 **LUXEMBOURG (LUXEMBOURG)**

I automated an Amazon **data process** using **Python**, **SQL** and **AWS** to send a report to stakeholders. This **saves 6 hours a week** and avoids **human failures**. Next, I created an **inventory** measurement **model** using **SQL**, which will be launched across the **EU**, **US** and **Canada** soon. This model applied in the **EU** alone will **save** an estimated **500,000 €**. Finally, I developed a website as a **full stack developer** and hosted it in the **cloud**, using for Front-End: **HTML**, **CSS**, **Bootstrap**, **JS** and **React**, for Back-End and API: **Python** and **Django**, and as cloud infrastructure **AWS**.

DATA SCIENTIST

IIT (TECHNOLOGICAL RESEARCH INSTITUTE) OF ICAI

JUN 2021 - DEC 2021 **MADRID (SPAIN)**


I worked on a project for a Saargummi's factory, I improved their **Data process** using **Python** and **R** and developed a **Machine Learning** model using **Python** libraries (**pandas** & **keras**) to use predictive maintenance before an error in the production line happens. This **reduced** production line **downtime** by **7%**.


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PERSONAL

TEAMWORK

ADAPTABILITY

PROBLEM-SOLVING

EXPERIENCE (continuation)

FREELANCER

APR 2017 - JAN 2020 **MADRID (SPAIN)**

I worked with Chinese online shops such as Gearbest, Banggood and Alibaba, helping them to expand their drone market in Spain. I dealt with more than **150 clients** and **20 Chinese's suppliers**.

EDUCATION

MASTER OF ENGINEERING, MAJOR IN **SMART INDUSTRY**

COMILLAS PONTIFICAL UNIVERSITY OF ICAI | 2020 - 2022

MASTER OF ENGINEERING, MAJOR IN **INDUSTRIAL ENGINEERING**

COMILLAS PONTIFICAL UNIVERSITY OF ICAI | 2020 - 2022

BACHELOR OF ENGINEERING, MAJOR IN **INDUSTRIAL ENGINEERING**

COMILLAS PONTIFICAL UNIVERSITY OF ICAI | 2016 - 2020

VOLUNTEER WORK

EDUCATOR FOR CHILDREN IN CHALLENGING CIRCUMSTANCES

Acted as an after-school teacher for children in need, offering education in mathematics, programming, and basic literacy at a nun-managed facility

PERSONAL TUTOR

Conducted one-on-one tutoring for students with academic challenges, focusing on personalized educational support

"CAFÉ Y MANTA" INITIATIVE

Provided breakfast and support to homeless individuals in Madrid during the Christmas season.

AWARDS & CERTIFICATES



WINNER OF THE IV HACKATHON FOR SMART INDUSTRY ICAI IN COLLABORATION WITH **PROSEGUR**



AWS CERTIFIED CLOUD PRACTITIONER



AWS CERTIFIED SOLUTIONS ARCHITECT ASSOCIATE

REFERENCES

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