


ÁNGEL SÁNCHEZ SIERRA

INDUSTRIAL
ENGINEER

CONTACT

 (+34) 686 603 421

 angelsanchezsierra98@gmail.com

 <https://ansasi.netlify.app>

 [ANGELSANCHEZSIERRA](#)

 MADRID, SPAIN

AWARDS & CERTIFICATES



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



AWS CERTIFIED CLOUD
PRACTITIONER

LANGUAGES

Spanish - Native

English - Fluent

TOEFL 92/120 (2019)

SKILLS

PROFESSIONAL

AWS - ADVANCED

PYTHON - PROFESSIONAL

TERRAFORM- ADVANCED

GIT - ADVANCED

SQL - PROFESSIONAL

NOSQL DB - ADVANCED

DJANGO (API) - INTERMEDIATE

C++ - INTERMEDIATE

JS & REACT - INTERMEDIATE

HTML/CSS - ADVANCED

R - INTERMEDIATE

PERSONAL

TEAMWORK

ADAPTABILITY

PROBLEM-SOLVING

PROFILE

Industrial **Engineer** with a diverse background in **industry**, **data**, **logistics**, and **supply chain**. Proficient in **Python**, seeking a challenging role that utilizes my expertise in **big data**, **programming** languages, and **cloud** technology. 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

DATA ENGINEER

DATACENTRIC - DATA INFRASTRUCTURES

DEC 2022 - PRESENT **MADRID**

I am responsible for designing, deploying, and maintaining the **AWS** infrastructure for the company and its clients using **Terraform** and **Python**. I work daily with various tools such as **Dockers**, **EC2**, **VPCs**, and others, to improve automation and standardization of data processes. My focus is on utilizing **Terraform** to deploy the **infrastructure** and **Python** to **program** the **Spark** code of the **ETLs**, ensuring that the company's and its clients' data processes are efficient, reliable and up-to-date with the latest technologies.

BUSINESS INTELLIGENCE ENGINEER

AMAZON - LOGISTIC & SUPPLY CHAIN

MAR 2022 - SEP 2022 **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**

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%**.

FREELANCER

APR 2017 - JAN 2020

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