

ÁNGEL SÁNCHEZ SIERRA

INDUSTRIAL
ENGINEER

CONTACT

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 ANGELSANCHEZSIERRA

 MADRID, SPAIN

AWARDS & CERTIFICATES



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



**AWS CERTIFIED
PRACTITIONER**

CLOUD

LANGUAGES

Spanish - Native

English - Fluent

TOEFL 92/120 (2019)

SKILLS

PROFESSIONAL

PYTHON - PROFESSIONAL

SQL - PROFESSIONAL

NOSQL DB (DYNAMODB) - ADVANCED

AWS - ADVANCED

C/C++ - INTERMEDIATE

JS/REACT - INTERMEDIATE

HTML/CSS/BOOTSTRAP - ADVANCED

MATLAB - INTERMEDIATE

R - INTERMEDIATE

EXCEL - PROFESSIONAL

PERSONAL

TEAMWORK

ADAPTABILITY

PROBLEM-SOLVING

ENTREPRENEUR

PROFILE

Industrial **engineer**. Seeking for a position where I can leverage my skills and experience working with big **data**, **programming** languages and **cloud**. My main interests are **Big Data**, **Python**, **business** and **cloud**. Also worked as a **volunteer** in Spain.

EXPERIENCE

DATA 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

SEP 2021 - DEC 2021 **MADRID**

I enhanced data processing and predictive modeling for Saargummi's factory. And I managed to improve the **reduction** of production line **downtime** from **14%** to **27%**.

DATA SCIENTIST INTERN

CIC LAB ICAI

JUN 2021 - JUL 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 to predict when the parts produced will have an error. This **reduced** production line **downtime by 14%**.

FREELANCER

APR 2017 - JAN 2020

Worked with Chinese online shops such as Gearbest.com, Banggood.com and Alibaba.com, 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