

# ÁNGEL SÁNCHEZ SIERRA

INDUSTRIAL  
ENGINEER

## CONTACT



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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

PYTHON - PROFESSIONAL

DJANGO (API) - INTERMEDIATE

SQL - PROFESSIONAL

NOSQL DB - ADVANCED

AWS - ADVANCED

C++ - INTERMEDIATE

JS & REACT - INTERMEDIATE

HTML/CSS - ADVANCED

R - INTERMEDIATE

EXCEL - PROFESSIONAL

### PERSONAL

TEAMWORK

ADAPTABILITY

PROBLEM-SOLVING

ENTREPRENEUR

## PROFILE

Industrial **engineer** with experience in **industry**, **data**, **logistic** & **supply chain** sectors. 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**. 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 develop the cloud infrastructure of the company and its clients using **AWS** to launch **ETLs**, **Dockers**, **VM** and other tools.

### 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

SEP 2021 - DEC 2021 **MADRID**

I continued working for Saargummi and enhanced their data process and model using **Python** (**pandas** & **keras**) and **R**, for the predictive maintenance of the factory. I managed to improve the **reduction** of production line **downtime** from **7%** to **10%**.

### 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 (**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