ÁNGEL SÁNCHEZ SIERRA

INDUSTRIAL ENGINEER

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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

AWS - EXPERT
PYTHON - EXPERT
TERRAFORM - EXPERT
GIT - ADVANCED
DOCKER - ADVANCED
BASH - ADVANCED
SQL - EXPERT
SPARK - INTERMEDIATE
NOSQL DB - ADVANCED
DJANGO (API) - INTERMEDIATE
C++ - INTERMEDIATE
JS & REACT - INTERMEDIATE
HTML/CSS - INTERMEDIATE
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