



DANIEL DURÁN CASSANI

R & D Engineer

CONTACT



+34 622 320 322



durancassanidaniel@gmail.com



[LinkedIn](#)



Madrid, Spain

LANGUAGE



Spanish
Native



English
Professional working proficiency

SKILLS



Python



C++



JavaScript



Docker



Git



Linux

ABOUT ME

Software engineer specializing in railway IoT and embedded systems, with 3+ years of experience delivering European R&D projects (Shift2Rail, ERJU). Expert in developing end-to-end IoT solutions: from embedded devices and sensor integration to cloud architectures, using C++, Python, and industrial protocols (MQTT, Modbus). Passionate about driving innovation in intelligent and sustainable mobility.

EXPERIENCE

ALTEN

Madrid

02/2025 - Present

- IoT Railway Systems
- C++
- Audio and Video Controllers
- Yocto Embedded Systems

INDRA SISTEMAS

Madrid

11/2022 - 02/2025

- IoT Sensorized Sleepers
- Python and C++
- Europe's Rail IoT projects (ERJU, Shift2Rail).
- Smart Wayside Object Controller.
- Yocto Embedded Systems

ENDESA

Málaga

10/2021 - 10/2022

- Validation of aerial medium voltage networks periodic revisions.

EDUCATION

Electronics, Robotics, and Mechatronics Engineering

Universidad de Málaga - 2021

I acquired the necessary skills to solve engineering problems in various areas such as electronics, automation, and programming.

Further Courses

- Developing on AWS (Global Knowledge)
- Machine Learning on Python (CEINPRO)
- Clean Code (Udemy Business)
- Django (Udemy Business)

This resume matches the role