



David Lozano Jarque

Full stack software engineer: from scratch to production

Turning ideas into code is my passion: I've been developing software since I was in elementary school. First as a hobby, then as a freelance, and eventually in a company. Overall, my mission is to provide valuable contributions to great projects that can make a difference in their users' lives

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🌐 Spanish (Native)

🌐 Catalan (Native)

🌐 English (Advanced)

Work

BTC Assessors

Full stack software engineer & DLT consultant
2018-06-01 - Present

Lead software engineer: digitally verifiable credentials, PoA blockchain networks deployment software and a Bitcoin cryptocurrency library. Blockchain and DLT consultant.

SEAT

Software Developer (freelance in internship)
2017-03-13 - 2017-06-19

Integration and adaptation of the IBC Biomechanics software within SEAT IT Systems for its internal biomechanical laboratory in the CARS center in the Martorell headquarters

Meditrauma

IT Manager (as outsourced freelance)
2015-01-15 - 2018-06-01

Outsourced IT Systems and infrastructure accountable of the three company headquarters, performing typical systems administration tasks and IT consultancy

IBC Biomechanics

Software Engineer & IT Manager (as freelance)
2014-09-15 - 2018-06-01

Developed a biomechanics report generator app that takes user-designed templates and merges data from a collection of third-party applications to generate reports

Education



UOC

Master's degree
MISTIC (Cibersecurity)

📅 2017-09-20 - 2018-09-20

★ Avg: 8.14/10, (3.38/4 GPA)



UAB

University degree
Computer Science Engineering

📅 2013-09-13 - 2017-06-20

★ Cum laude, Avg: 8.86/10 (3.85/4 GPA)

Skills

Frontend: web

★★★★★

Responsive design

Material design

Redux (flux architecture)

Angular 7 & 8

Bootstrap

Jekyll

Typescript

Javascript

HTML5

CSS3

Backend: data apps

★★★★★

Spring Framework (Boot)

Kotlin

Java

Python

J2EE

Gradle

Maven

Liquibase

PostgreSQL

MongoDB

OpenAPI

DevOps

★★★★☆

Docker

Apache JMeter

Gitlab CI/CD

Travis CI

Heroku

Software architecture

★★★★☆

Clean Code

Clean Architecture

DDD

TDD

Design patterns

Systems administration

★★★★☆

Linux

Arch Linux

Debian/Ubuntu

Bash

Zsh

iptables

OpenVPN

Wireguard

Windows XP+

Project management

★★★★☆

4+1 Architecture

Agile methodologies

Requirements specification

Use cases diagrams