



Alejandro Del Medico

Software Developer

Contact Details



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https://github.com/aledelme

Core Skills

- Node.js / JavaScript / TypeScript
- Express.js / NestJS
- Git / GitHub
- SQL
- Relational Databases
- Python
- Web3 / Blockchain
- Cloud Computing / Azure / AWS
- Unix / Shell Script / Bash

Additional Skills

- Next.js / React.js
- HTML / CSS
- Excel / VBA
- EVM / Solidity
- Docker
- Java

Languages

- Spanish – Native
- English – Advanced (B2)
- Italian – Basic
- Portuguese – Basic

Professional Profile

Self-taught backend developer, oriented towards collaboration with multidisciplinary teams. With more than 6 years of software development experience, I view automation and application development as a memorable videogame. For me, both technical and social skills are essential for a project's success. Crafting leadership while preserving technical core knowledge. I am currently focused on learning about blockchain, considering it the largest decentralized backend.

Career Summary

Iberalbión SL (Zaragoza) Senior Software Developer

Feb 2022 – Present

Achievements:

- Lead the development of a BPM Web App, incorporating technologies previously unexplored within the department.
- Self-taught in Node.js API Web Apps development and Azure Cloud Computing.

Tasks:

- Backend Web development with Node.js and Express.js.
- Cloud computing on Azure.
- Database development with SQL Server.
- Development of macros, forms, and projects using VBA in MS Excel and MS Access.
- Troubleshooting and issue resolution.
- Collaboration with multi-disciplinary team during daily meetings using Scrum Agile Methodology.

Freelancer (Madrid) Advanced VBA Macros Consultant

Mar 2021 – Feb 2022

Tasks:

- Development of macros and forms in VBA.
- Data analysis.
- Advanced Excel consulting.
- Customer acquisition and project sales.

Santander Bank (Madrid) Software Analysts

Oct 2018 – Mar 2021

Achievements:

- Establish, automate, and document the standardized process for promoting software across the entire department.
- Self-taught in VBA Macros development, PL/SQL and Shell Scripting.
- Create a VBA macro to map the entire department batch process, making it accessible for other departments to use.

Tasks:

- Resolution of tickets and incidents (L2).
- Software deployment to pre-production and production environments (UNIX, Shell Script y Python).
- Development of enhancements and small requirements.
- Data migrations.
- Database development (Oracle with PL/SQL)

Education

Master Blockchain Engineer CodeCrypto Academy: https://codecrypto.academy/	2023-Present
Attendance at BDZ Web3 & Blockchain Main Spanish Web3 event (Zaragoza)	2023 Oct
Master's degree in Mobile Development Applications Universidad Politécnica de Madrid (UPM, Madrid) Average grade: [8,33 / 10]	2017-2018
English oral presentation at XV CNMAT (National Materials Congress) Universidad de Salamanca (USAL, Salamanca) Speaking of: Effect of Process Parameters and Postprocessing on Mechanical Properties of Additive Manufacturing Polylactic Acid Obtained by Fused Deposition Modeling	2018 Jul
Final Degree Project Mechanical properties of components manufactured using Fused Deposition Modeling. (3D Print) Grade: [9,5 / 10] Link to paper published at 14 Feb 2023: https://www.liebertpub.com/doi/abs/10.1089/3dp.2021.0052?journalCode=3dp	2017 Jun
Grade in Mechanical Engineering Universidad de La Laguna (ULL, La Laguna, Santa Cruz de Tenerife) Average grade: [7,38 / 10]	2013-2017

Personal Profile

If you've reached this point, I would prefer to discuss it in a conversation.

I like languages and enjoy meeting and talking with people from different places. Although the computer consumes most of my time, I strive to be a balanced person who cares about my health and enjoys engaging in physical activities such as calisthenics, boxing, running, and yoga.

I thoroughly enjoy programming, even more so when I am part of a team with whom I can grow. I have already tried being a freelancer lone wolf and realized how much I was missing out on. I aspire to be a technological professional, but above all, I aim to be an expert in human relations.