



Madrid, Spain (28018)



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EDUCATION

- Technologic Bachelor's Degree (2011)
 - Telecommunication Technology and Service Engineering (EUR-ACE®) (UAM) (2019)
- Master's Degree in Formal Methods in Computer Science (2019 - 2020)



UAM Language Service (2018)

"Time is the currency in which we should invest to become better engineers"

v a r R e s u m e =

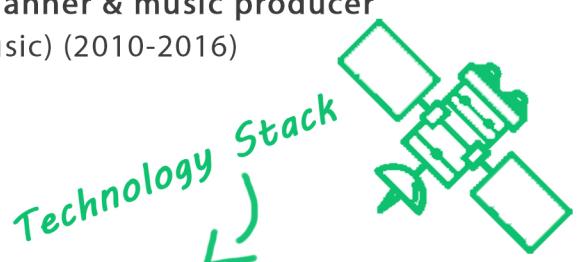
My name is Juan Diego Sierra Fernández, and I am 28. Graduated in **Telecommunications Engineering** with a grade of 9.7 in the final project and winner of the *UAM Entrepreneurs Program*.

Passionate of developing and researching about modern software methods and technologies. I usually have worked as a **FullStack Developer** (backend specialist) and have strong knowledge about **Blockchain, Cloud Services, IoT, & Cybersecurity** fields.

There are other important things in my life besides technology such as stock investing, giving technology talks, traveling, snowboarding, producing electronic music or watching sci-fi movies. It would great to have my office close to my house because I love to use my electric bike on a daily basis.

v a r E x p e r i e n c e =

- > **Tech Leader, FullStack Software Engineer & DevOps**
 - * Company: Bdeo (Startup) (bdeo.io)
 - * Period: July 2019 - Currently
 - * Feedback from the Project Owner *"From my experience you have been the developer who has understand in less time how Bdeo works. I like your attitude and all the improvements your are contributing to our software"*
- > **FullStack Blockchain Engineer**
 - * Company: Sopra Steria (Consulting) (soprasteria.com)
 - * Period: July 2019 - June 2020
 - * Client: Airbus (Defence & Space) (airbus.com)
 - * Feedback from the Head of Innovation *"I'm amazed because you are fully independent and have great skills to talk with the client and coordinate a team"*
- > **FullStack IoT Developer**
 - * Company: Altair Engineering (Multinational) (altair.com)
 - * Period: September 2018 - July 2019
 - * Feedback from the Software Development Director *"You are the kind of developers we want in our company. We are open to hire you again whatever you want"*
- > **FullStack Blockchain Developer**
 - * Company: Blocknitive (Startup) (blocknitive.com)
 - * Period: January 2017 - September 2018
 - * Feedback from the Tech Leader *"As an intern you have exceeded expectations so I'm gonna give you a grade of 10"*
- > **Others:**
 - * **Founder** in VIKYNGO (Startup) (January 2016 - January 2017)
 - * **Founder, manager, event planner & music producer** in "Darkside Madrid" (Live Music) (2010-2016)



var TechnologyStack =

Experience: 1 (junior) | 2 (intermediate) | 3 (senior)

Languages

Bash 2	C/C++ 2	Go 1
Java 2	Javascript 3	PHP 1
Python 2	Rust 1	SQL 2
Solidity 3	TypeScript 3	Matlab 3

Backend

Elasticsearch 1	Express 3	Flask 1
GraphQL 1	Jest/Mocha 2	MongoDB/
NestJS 3	Nginx/Apache 1	DynamoDB 2
Node/Deno 3	PostgreSQL 2	Redis 1

Frontend

Angular 5+ 2	Bootstrap/ Material UI/ PrimeNG 2	Cypress 1
HTML/CSS 2		Ionic 1
React 1		Web Scraping 1
Webpack 1		

DevOps

Ansible 1	AWS 2	AWS CDK 2
Docker 3	Kubernetes 1	CI/CD(Gitlab, Jenkins,Github) 2
Grafana/Sentry	Terraform 1	
Prometheus	Makefile 2	
Linux ✓		

Architecture & Design

DDD ✓	SOLID ✓	GRASP ✓
Hexagonal ✓	Microservices ✓	Servrless ✓
Event-Driven ✓	MVC ✓	Design Patterns ✓
TDD ✓	CQRS ✓	Clean Code ✓

Others

Blockchain(Bitcoin, OWASP ✓	Agile(SCRUM, Kanban...) ✓
Hyperledger Fabric, IOT(ThingWroks, Ethereum...) 3	Machine Learning 1
MQTT, Arduino, Antennas Design, PCB Design...) 2	

In Progress: Keep Learning