



## Jose María de la Cruz Sánchez

Telecommunications Engineer  
Smart Contract developer

📍 Spain

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## Stack

**Smart Contract development**  
Solidity

**Frameworks and deployment**  
Hardhat  
Javascript - Nodejs

**Libraries**  
Ethersjs - Web3js  
Openzeppelin

**Standard and others**  
ERC20 - ERC721 - ERC1155  
TheGraph  
IPFS

**Oracles and others**  
Chainlink  
Chainlink Price Feeds  
Chainlink VRF  
Chainlink Keepers

**Audit**  
Unit testing  
Staging testing  
Slither

## About me

Telecommunications engineer by University Carlos III (Madrid) and RWTH Aachen University (Germany) with a Masters Degree on Blockchain technology, Smart Contracts and Cryptoeconomy.

Due to the hours dedicated to the theoretical study of blockchain technology and my experience as a Blockchain Engineer both designing decentralized application architectures and developing Smart Contracts I am the ideal person with whom to consult - audit - develop your idea in an effective, efficient and secure way.

## Education

**MSc in Blockchain technology, Smart Contracts and Cryptoeconomy**  
Universidad de Alcalá (Spain - remote)

2021 - Now

**MSc in Electrical Engineering, Information Technology, and Computer Engineering**  
RWTH Aachen University (Germany)

2021 - 2022

**Telecommunications Engineering Bachelor's degree**  
Universidad Carlos III de Madrid (Spain)

2017 - 2022

**Electrical Engineering and Computer Science Exchange Scholarship Awarded**  
University of Arkansas (EE.UU)

2020 - 2021

Cancelled due to COVID-19.

## Work Experience

**TurtleNinja: Blockchain Engineer**  
Full-time

August 2022 - Now

Development of Smart Contracts, auditing and testing.  
Development of API backend based on Typescript and Nodejs.  
Development of frontend based on Typescript, React.

**Stack used: Solidity, Hardhat, Javascript, Ethersjs, OpenZeppelin, TheGraph, Slither, IPFS, Typescript, React, Nodejs, API**

**Quarktium: Co-Founder, Co-Ceo and Smart Contract developer**  
Full-time

April 2022 - Now

Cofounded Quarktium, a science-based blockchain project. I am in charge of developing all the required smart contracts.

**Stack used: Solidity, Hardhat, Javascript, Ethersjs, OpenZeppelin, ERC721, TheGraph, Slither, IPFS, Python**

## Languages

Spanish	Native
English	Bilingual
German	Basic
French	Basic

### Smart Contract developer

Freelance

March 2021 - Now

Development of Solidity Smart Contracts, unit and staging testing and audits of the developed contracts.

**Stack used:** Solidity, Hardhat, Javascript, Ethersjs, OpenZeppelin, ERC721, ERC20, ERC1155, TheGraph, Chainlink, ChainlinkVRF, Chainlink PriceFeeds, Chainlink Keepers, Slither, IPFS

### UST: QA Software Engineer

Internship

May 2021 - August 2021

Development of automated testing for web environments, development and testing on mobile environments, as well as research, development and implementation of new automated test environments.

**Main skills:** Java - XML - Cucumber - Selenium - Appium- Android Studio - AShot - Visual regression- Cucumber reports - Web QA - Mobile QA