



Jose María de la Cruz Sánchez

Telecommunications Engineer
Smart Contract developer

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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