

Álvaro Lillo Igualada

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PROFILE

A multi-skilled IT engineer with extensive expertise in smart contract development and blockchain technology. Demonstrated ability to deliver innovative solutions in the rapidly evolving blockchain space through hands-on experience.

COMPETENCIES

- Open-Source Development • Smart Contract Programming • Test Driven Development • Software Documentation
- Educational content creation • Lifelong Learning •

PROFESSIONAL EXPERIENCE

FREELANCE SMART CONTRACT ENGINEER, (REMOTE) 2023 - Present

Smart Contract Engineer

- Spearheaded the adaptation of the Band Oracle smart contract to the Flow blockchain, porting the original Solidity-based contract on Ethereum to Cadence. This integration improved data reliability and expanded cross-chain capabilities, enhancing the Band Protocol's utility in new blockchain environments.
- Upgraded the Celer smart contracts to the latest Cadence version, enabling seamless bridging of fungible tokens between Flow and EVM-compatible blockchains connected to the Celer network. This contract suite, audited by Oak Security, strengthened cross-chain token functionality, supporting secure asset transfers.

DAPPER LABS, Vancouver, Canada (Remote) 2022 - 2023

Smart Contract Engineer

Designed, implemented, tested and deployed Smart Contracts in the Flow blockchain. Led community discussions around Flow Blockchain standards and FLIPs (Flow Improvement Proposals).

- Developed, tested, and deployed smart contracts on the Flow blockchain, actively driving community discussions on Flow Improvement Proposals (FLIPs) to advance Flow's technical standards.
- Architected the Fungible Token Switchboard contract to ensure accurate and timely royalty payments for NFTs, improving financial accuracy for Flow's ecosystem.
- Coordinated the implementation of the Fungible Token Metadata standard with stakeholders and the Flow community, achieving smooth and efficient contract deployment.
- Created linked account contracts for shared custody on Flow, enhancing user security and expanding flexible asset management options.

DEPARTMENT OF EDUCATION, Madrid & Valencia, Spain 2017 - 2021

Technical College Lead Teacher

- Coordinated the teaching team to assure the correct development of all subjects' syllabi and the student objectives completion.

BOLSAS Y MERCADOS ESPAÑOLES (SPANISH STOCK EXCHANGE), Madrid, Spain 2014 - 2017

Full-Stack Developer

- Provided technical support for a B2B product enabling institutional brokers market access via FIX connections, collaborating with traders, brokers, and internal architecture teams to resolve real-time electronic trading issues and minimize client impact.
- Optimized trading efficiency and system reliability, achieving a 20% reduction in transaction processing time and substantially enhancing overall system stability.

EDUCATION

Master's Degree in Teacher Training 2016 - 2017

URJC, Madrid, Spain

- Master's Thesis: Programming education through video games.

Bachelor's Degree in Telecommunication Engineering 2006 - 2013

Technical University of Madrid, Madrid, Spain

ADDITIONAL INFORMATION

Languages: English: Fluent; Spanish: Native; French: Basic; Valencian: Intermediate

Nationality: Spanish