



Santiago Márquez Solís

Dynamic and visionary Blockchain Project Manager with a proven track record in leading and delivering successful projects in the Web3, tokens, DAOs, and NFTs space across diverse industries such as finance, pharmaceuticals, human resources, and energy. My extensive experience in navigating complex blockchain landscapes, coupled with a deep understanding of decentralized technologies, allows me to create innovative solutions that drive efficiency, enhance transparency and open new avenues for growth. With a talent for fostering collaborative teams and building strong relationships with stakeholders, I am always ready to embrace the challenges of the ever-evolving digital landscape to bring disruptive change to businesses. I am currently working as a manager for the blockchain practice at Minsait, the Indra's company for Digital Transformation

POSITION HELD

2023.06 – present	Manager – Blockchain Team Minsait	As the Web3 and Blockchain Lead at Minsait, my mission is to pioneer the integration of Decentralized Finance (DeFi), Central Bank Digital Currencies (CBDCs), and Web3 applications to revolutionize the banking and financial services industry. My focus lies in designing and deploying blockchain-based solutions that leverage the transparency, efficiency, and inclusivity of DeFi, the stability and regulation of CBDCs, and the decentralized nature of Web3. My experience in leading cross-functional teams and implementing cutting-edge technologies is driving innovation and setting new standards for digital financial services at Minsait. I am always open to connecting and exploring new opportunities to leverage blockchain and DeFi technologies to address complex challenges and transform traditional financial systems.
2019.02 – 2023-06	Manager – Head of Blockchain Team Nexlore	Nexlore is company created by Hochtief and Barrabes Group to develop the next software solutions for the construction sector. My role here is to lead the company's Blockchain and Machine Learning technological strategy, creating the main architecture for the projects and keep aligned with the business requirements. Working here I have been implemented Blockchain solutions for the concrete complete life cycle, using NFTs to represent specific concrete types and fungible tokens for funding subsidiaries and subcontractors. Focus in hybrid Blockchain solutions, mainly based in Ethereum and Hyperledger Fabric.
2017.11 - 2019.02	Chief Technology Officer Clluc	As the Web3 and Blockchain Lead at Clluc, I was at the forefront of integrating blockchain technology across multiple sectors including finance, energy, and human resources. I specialized in designing and deploying decentralized applications (DApps) and Decentralized Autonomous Organizations (DAOs) to drive transparency, efficiency, and inclusivity. My focus lay in leveraging the potential of blockchain technology to revolutionize traditional systems and create decentralized, user-centric solutions. My hands-on experience leading cross-functional teams and implementing cutting-edge technologies was instrumental in driving innovation and setting new standards for blockchain adoption at Clluc. I was always open to connect and explore new opportunities that leveraged blockchain, DApps, and DAOs to address complex challenges and reshape traditional systems

2006.02 - 2017.11	Technical Project Manager for Data Analytics SoftwareAG Spain	Experienced Project Manager and Data Analytics Lead who served the Spanish Public Administration. I oversaw fraud detection projects within the financial sector under the auspices of the Spanish Treasury Ministry. My unique blend of strategic oversight, data-driven decision making, and adept risk management consistently delivered effective fraud prevention solutions. With a proven ability to combine data analysis with government policy, I provided efficient, innovative, and secure systems for combating financial fraud. My expertise lay in understanding the intricate patterns of financial misconduct and utilizing emerging technologies to detect and prevent fraudulent activities. A strong communicator and team leader, I was committed to fostering an environment of transparency and continuous learning to drive the success of our mission in maintaining financial integrity.
2002.02 - 2006.02	Senior Software Engineer Soitsa-Intesys	Senior Software Engineer working in C++ and Java for several financial institutions and pharma companies: BBVA, Credit Suisse and, Lilly Pharma. Integration between core applications and SAP R3 ArchiveLink middleware.
1999.03 - 2002.02	Senior Software Engineer Meta4 Spain	C++ developer in the R&D Meta4 department, working in the ontological classification system for Meta4 HR solution. I developed several modules to integrate OCR capabilities inside the core tools and some stochastic
1998.09 - 1999.03	Software Engineer Digital Training SL	Working for OCS Optic Spain Division in some adaptations for the 2000 effect in the OCS Optic architecture. Working with embedded systems and microprogramming using C++ and assembler (Motorola 68000 and Zilog Z80 microprocessors)
1996.09 - 1998.09	Programmer DIISA Informatica SL	Visual Basic and Visual C++ programmer. Migration of some human resources Unix tools to Windows 3.11 and Windows NT.

ACADEMIC AND PROFESSIONAL QUALIFICATION

2023 - currently	Phd Artificial Intelligence for Security Applications Universidad Politécnica de Madrid Madrid, Spain
2020 2021	Master of Research – Artificial Intelligence and Data Science Universidad Internacional Menendez y Pelayo Madrid, Spain
2003 2007	BSc Computer Engineering Universidad Oberta de Cataluña Barcelona, Spain

SELECTED EXPERIENCE

Blockchain Manager:

- **Strategic Planning:** Develop and implement a comprehensive blockchain strategy to drive innovation and achieve business objectives.
- **Cross-Functional Leadership:** Lead cross-functional teams in the design, development, and implementation of blockchain projects, fostering collaboration and promoting agility.
- **Project Management:** Oversee the full lifecycle of blockchain projects, ensuring they are delivered on time, within scope and budget.
- **Technical Expertise:** Utilize deep understanding of blockchain technology, including smart contracts, DApps, DAOs, and NFTs, to architect and deploy suitable solutions.

- **Research & Development:** Keep abreast of the latest blockchain developments and trends, and identify potential opportunities for technological advancement.
- **Partnerships & Collaboration:** Forge partnerships with external stakeholders, technology partners, and industry consortiums to expand blockchain capabilities.
- **Risk Management:** Identify, analyze, and mitigate potential risks associated with blockchain projects, ensuring adherence to compliance and regulatory standards.
- **Training & Development:** Provide training and mentorship to team members and other stakeholders about blockchain technology, nurturing a culture of continuous learning.
- **Governance:** Establish and maintain blockchain governance models to ensure the integrity, security, and performance of the developed systems.
- **Advocacy:** Promote the understanding and adoption of blockchain technology within the organization and externally, serving as a trusted advisor and thought leader in the field.

Relevant Blockchain projects:

- Alexandria: Project management of traceability in logistics with blockchain for raw materials (concrete and bill of quantity) for the construction sector
- SolidGo: A Blockchain platform for tokenizing stakes in non-listed companies using NFTs to represent them and creating a secondary market for their purchase and sale.
- Kiitos: A Blockchain platform designed for human resources departments, the goal was to reward positive behaviors within the company through gamification techniques and earn prizes.
- Fertrade: A tool that allows tokenization of debt issuance between a parent company and its subsidiaries. This eliminates the need for direct funding of these with standard currency. Instead, tokens are recognized between companies, so it is only necessary to net out the operations at the end of the month without going through intermediary bank accounts during the monthly work process.
- Stockmind: A wallet that allowed users to create their own ERC20 tokens without needing to know how to program smart contracts. The user interface allowed users to enter the basic data of the token, and the infrastructure took care of the token creation in a transparent manner for the final user.
- Calle Bitcoin: Bitcoin Street was a project that during the summer of 2014 attempted to promote the use of cryptocurrencies within Serrano Street in Madrid. Several establishments joined the event, and on the so-called B day, we gave away Bitcoin so that people could make purchases at these places and test the possibilities of cryptocurrencies

PUBLICATION

May 2023	Zero Trust Chain a Design Pattern for Improved Interoperability and Security in Polkadot Arxiv.org: https://arxiv.org/abs/2304.14730
Feb 2017	Blockchain. The Industrial Revolution of Internet (co-author) Ed. Gestión 2000
May 2015	Bitcoin. Guía Completa de la Moneda del Futuro Ed. RA-MA
Abril 2014	Bitcoin. Jaque mate al Sistema Financiero Ed. Amazon Kindle Direct
Jul 2008	La Web Semantica Ed. Lulu

PUBLIC SPEAKING ENGAGEMENT

June 2023	Deep Tech and the Future of Technology – RENFE, Madrid, Spain
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May 2023	Metaverse Technologies and their impact for Blockchain – ICAM, Madrid, Spain
June 2022	DeFi Technologies and Banking Evolution – AFI, Madrid, Spain
November 2019	Blockchain Technologies for Pharma – Chemo Group, Madrid, Spain
April 2019	Blockchain for Construction Sector – IBM Future Labs, Boston, USA
March 2019	Nexchain, a Novel Platform for Blockchain Application – Turner, Minneapolis, USA
Sept 2018	Machine Learning and Blockchain, the perfect storm – MadridML, Madrid, Spain
Sept 2018	Machine Learning for price prediction – BigML, Politecn University of Valencia, Spain
July 2017	Blockchain solutions for the eHealth sector – Quiron, Madrid, Spain
March 2017	Bitcoin Introduction - Escuela Universitaria de Informática, Madrid, Spain

OTHERS

- 2021-present – Academic Relationship: Part-time profesor in Business Administration degree in Francisco de Vitoria University
- 2022 – Decentralized Finance (DeFi): The Future of Finance – Duke University
- 2021 - Quantum Computing Certification – MIT xPro
- 2020 – Different IBM Blockchain certifications
 - IoT Network for a Supply Chain
 - IBM Blockchain Essentials V2.0
 - IBM Blockchain Foundation Developer
- 2009 – Computerworld University Business IT
- 2008 – ITIL Foundation v.2.0 ECCouncil