

Daniel Ortega

Developer Relations Engineer at Arbitrum Foundation

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PROFESSIONAL SUMMARY

Creative and technically driven developer with 6+ years of experience and a strong background in Solidity, TypeScript, C++, and L2 systems. I bring a product mindset to blockchain development, communicate clearly with both technical and non-technical teams, and enjoy mentoring, developer education, and contributing to open source.

EXPERIENCE

Developer Relations Engineer | [Arbitrum Foundation](#)

Nov 2025 - Present | Remote

Developer education and ecosystem support across the Arbitrum platform, AI agents, and the Open House founder program.

- Build technical examples and educational material for developers adopting Arbitrum.
- Research and communicate agent identity, wallet security, ERC-8004, and x402 patterns.
- Support founders and builders through workshops, technical reviews, and Open House.

TokenOps, Vottun & selected clients | Smart Contract Engineer

Jan 2023 - Dec 2025 | Remote

Protocol engineering and advisory work for TokenOps, Vottun, and other clients across token infrastructure and smart contracts.

- Delivered vesting, staking, token launch, and liquidity infrastructure for multiple Web3 teams.
- Worked across Solidity architecture, testing, deployment, and developer-facing documentation.

Blockchain Engineer | [Nexera Foundation](#)

Jul 2024 - Jul 2025 | Remote

Smart contract architecture for modular token infrastructure and the ERC-7208 standard.

- Designed and implemented modular Solidity systems using Diamond architecture patterns.
- Contributed to ERC-7208 and strengthened its test and audit readiness.
- Led the migration of the contract development workflow from Hardhat to Foundry.

Blockchain Engineer | [Cartesi](#)

Jan 2022 - Nov 2023 | Remote

Rollup protocol engineering, security research, and developer tooling for application-specific L2 systems.

- Contributed to the Rollups Reference Unit and researched fraud-proof and sequencer designs.
- Improved gas usage and smart contract assurance with fuzzing, static analysis, and symbolic execution.
- Translated protocol research into developer examples and technical presentations.

EXPERIENCE CONTINUED

Blockchain Engineer | Banco Santander & UST

Jun 2021 - Jan 2022 | Spain

Enterprise identity and private blockchain integrations for regulated financial services.

- Built identity flows connected to Alastria and Dalion.
- Integrated private services involving the FNMT and Banco de España.

Software engineering roles | Ilimit, HP & Ricoh

Sep 2019 - Jun 2021 | Barcelona, Spain

Earlier software engineering experience spanning cloud services, product development, and engineering internships.

STANDARDS AND PROJECTS

ERC-7208: On-Chain Data Container - A modular standard for managing and operating on-chain data, co-authored through Nexera.

pi-one - An experimental wallet isolation layer for AI agents and automated systems.

VoiceSense - Voice-based Web3 actions. ETHGlobal Paris finalist and WalletConnect Top 10.

TicTac4Ever - An onchain game. ETHGlobal Brussels NounsDAO 3rd Place and Worldcoin Pool Prize.

LNx - A hackathon experiment for programmable coordination and onchain communities.

WRITING AND SPEAKING

A Guide To Agent Wallet Management - A practical guide to agent wallet security, comparing local keys, cloud KMS, and isolated signers.

AI on Arbitrum: Establishing an Agent Registry with ERC-8004 - How ERC-8004 gives AI agents portable identity, discovery, and reputation across Arbitrum.

Selected talks: ETHMexico 2026: Why Building Your MVP With AI Is Not Enough; MEMEnginy 2026: Beyond Ethereum's Limits: Arbitrum and the Future of Scalability; MERGE Madrid 2025: Blockchain Development Tools: SDKs, Frameworks, and Languages; MEMEnginy 2025: Blockchain and the Silent Financial Revolution; W3B Lab Barcelona 2023: Evolving Ethereum Scalability with Cartesi.

SKILLS

Protocols: Solidity, EVM, Arbitrum, Rollups, DeFi, RWA, ERC standards

Engineering: TypeScript, React, Go, C++, Foundry, Hardhat, Smart contract security

Developer relations: Technical writing, Workshops, Developer education, Builder support

EDUCATION AND LANGUAGES

BSc in Computer Engineering - Universitat Autònoma de Barcelona (2021)

Advanced Smart Contract Security - Cyfrin Updraft (2024)

Languages: Spanish (Native), Catalan (Native), English (C1)