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👤 Oxgabriel

𝕏 @IvizzCut

📍 Lyon, France

🌐 French

Education

2019-2022

INSA Lyon Engineer Degree : Telecommunications

INSA Lyon

2016-2019

Preparatory Class for Scientific Grandes Écoles

Blaise Pascal High School

Interests

- Web3, Blockchain, EVM, ZKP
- Running, Trail
- Mountain, Ski, Hiking
- Indoor plants

Skills

• Adaptability

• Problem solving

• Web3

EVM, Solidity, Vyper, Hardhat, Foundry, Geth.

Sidechain, Layer2, ZKP.

Sidechain Node management

• Backend

NodeJS / Ts, Golang, Rust

• Infra

Github, CI/CD, Jenkins, github actions, Docker

Hackathon

• 2023 ETHGlobal Istanbul

Prizes UNICEF Innovation

4th Place Mina Protocol

Language

French - native

English - fluent (C1)

Spanish - fluent (C1)

Gabriel Fournier

Blockchain Engineer

Telecommunications Engineer, INSA Lyon

Experience

2022-2025 (4 years, ongoing)

iExec - Lyon

Blockchain Engineer

Contributed to the development, deployment, and continuous improvement of the iExec platform, focusing on both blockchain infrastructure and secure smart contract architecture.

• Sidechain Infrastructure, Node, and DevOps Automation

- Orchestrated end-to-end deployment and lifecycle management of POA/sidechain networks (Bellecour) using OpenEthereum, later migrating to Nethermind for long-term reliability as OpenEthereum was deprecated
 - Automated sidechain node management through Dockerization and Jenkins, enabling seamless network relaunch and streamlined infrastructure rollouts in collaboration with DevSecOps.
 - Led deployment and configuration of critical stack components including canonical bridges, Netstats, Blockscout, validator nodes, archive nodes, and bootnodes.
- Smart Contract Engineering & Architecture (PoCo)
 - Engineered and maintained the iExec PoCo protocol's smart contracts.
 - Migrated proxy architecture from ERC-1538 to the more modular and scalable ERC-2535 Diamond Standard for extensibility and upgradeability.
 - Developed advanced Solidity modules: PoCo main contract, voucher systems, and LayerZero OFT interoperability.
 - Established a robust automated testing and deployment pipeline using Hardhat, Foundry, and GitHub Actions, integrating thorough unit/integration testing, code quality gates, and security CI tools for continuous audit readiness.
 - Designed and maintained The Graph subgraphs and deployment workflows, integrating rich on-chain analytics with off-chain data processing.

2021 - 4 months

Coexya - Lyon

R&D Intern Engineer - Mobile Application

- Conducted a market research and a state-of-the-art review,
- Proposed a wireframe,
- Designed a mobile application in React Native, TypeScript.

Side Projects

Blockchain Automation & DeFi Bots (TS, Golang)

Built multichain DeFi trading, token sniping, and portfolio automation bots in Go and TypeScript, featuring live transaction streaming, wallet activity tracking, and direct smart contract interaction for various strategies.

Real-Time Web3 Monitoring & Scam Protection

Designed backend tools for streaming on-chain alerts, automated swap execution, and scam detection across EVM networks, ensuring rapid response to market events.

Web Scraping & API Automation

Developed custom scrapers and automation bots in Node.js, Rust, and Go for data extraction, social media automation, and API integration, supporting real-time blockchain analytics and event monitoring.

Courses

Cyfrin Updraft

- Smart Contract Security
Noir Programming

Encode Bootcamp

- ZK Bootcamp

RareCode

- Rust