OUSSAMA ALLAMOU

SMART CONTRACT ENGINEER & SECURITY RESEARCHER

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PROFILE

With over 3 years of blockchain development experience, I specialize in creating and securing smart contracts, with extensive experience in Solidity, EVM, and backend integration using Nest.js. I've led projects like multi-network wallets, NFT marketplaces, and a highly advanced trading bot, driving user engagement and community growth. My expertise lies in delivering scalable and secure Web3 solutions tailored to meet diverse needs.

WORK EXPERIENCE

■ **Feb 2023 – Apr 2024**
Kayros World I Paris, Île-de-France
Project Manager & Smart Contract Engineer

- **Wallet Extension for Gamers**: Led the development of a multi-network wallet extension, enhancing the play-to-earn (P2E) experience. Integrated support for ERC-20 tokens across 20+ EVM-compatible networks.
- **User Adoption**: Attracted over 9,000 active users in the first few weeks, demonstrating strong engagement and community interest.
- Interoperability: Enabled token transfers across EVM blockchains, with a unique social incentive layer powered by a customized **Lens** protocol fork.
- **NFT Marketplace:** Provided a venue for users to buy and sell in-game assets, strengthening the game economy.
- **Fiat-Crypto Exchange**: Implemented fiat on/off-ramp, making the ecosystem accessible for non-crypto users.
- **Crypto Academy**: Launched an educational initiative to teach blockchain fundamentals, enhancing community knowledge on secure token handling.
- **Technologies**: Solidity, Nest.js, Hardhat, Ethers.js, Agile methodologies

EDUCATION

2017-2018
HIGH SCHOOL DEGREE

- High School in physical and chemical sciences.

2018 - 2020
ASSOCIATE DEGREE

- Computer science

TECHNICAL SKILLS

- Smart Contract Development
- Smart Contract Security
- Backend Integration
- EVM Expertise
- Foundry / Hardhat
- Blockchain Node Management
- Slither, MythX, Ethers.js, Viem

PERSONAL SKILLS

- Critical Thinking
- Leadership
- Product Management
- Multilingual Communication
- Problem Solving

LANGUAGES

- ARABIC
- ENGLISH
- FRENCH
- GERMAN

Sep 2021 – Nov 2022
DevSpaceHub

Project Manager & Smart Contract Engineer

- **Developed smart contracts** for a community engagement platform that incentivized users to interact with Web3 projects.
- **Community Rewards:** Built a points-based reward system where user interactions earned points redeemable for NFT or token spins.
- **Backend Integration:** Integrated smart contracts with backend tasks using Ethers.js and Nest.js enabling users to track points and rewards.
- **Testing & Deployment:** Utilized Hardhat to ensure secure and reliable contract deployment.
- **Technologies**: Solidity, Ethers.js, Hardhat, Nest.js

PROJECTS :

2024

Developer & Founder Behind Phinix.fun

Designed and developed a trading Bot featuring cross-network DEX integration, copy trading, sniping, real-time PNL tracking, and more. Implemented a MongoDB database, and optimized performance using Redis caching. Successfully secured Microsoft sponsorship and enabled advanced features like custom fee configurations (e.g., Jito fees). Deployed and managed a Solana node for GRPC to ensure high-speed network interactions.
Technologies: Solidity, Solana web3.js, MongoDB, Redis, Nest.js, Ethers.js, GRPC

2023

Developer & Founder Behind Nfticks.xyz

Developed an NFT ticketing platform enabling creators to mint and sell event access tickets as NFTs. Integrated marketplace features to support community-driven access and extended functionality to allow tickets to grant access to social platforms like Discord and more.
Technologies: Solidity, Nest.js, ERC-721, ERC-1155, Foundry, Discord.js

since 2023

Author of Solidity.tips

Created a series of educational content on blockchain fundamentals through my blog, social media, and LinkedIn, including in-depth guides and tutorials. As the author of Solidity.tips, I share practical tips and insights for Solidity developers. My GitHub features hands-on projects.