

CONOR FOLEY

NAAS, Ireland | conorfoley717@gmail.com

SUMMARY

Results-driven Software Engineer with extensive experience in developing scalable applications and optimizing performance. Proficient in a variety of programming languages, including Rust, Solidity, and Python. Adept at leveraging modern technologies such as WebAssembly and Wasmer to deliver robust solutions. Skilled in designing and implementing smart contracts, developing APIs, and managing real-time data. Committed to continuous learning and applying innovative approaches to solve complex problems and enhance system reliability.

HARD SKILLS

- ✿ Blockchain Engineering: Rust, Anchor, Solana SDK, Solidity, Truffle, Hardhat, Move, ZK compression.
- ✿ Frontend Integration: TypeScript, Reactjs, Nextjs, Vuejs, Python
- ✿ Blockchain Technology: DeFi(Swap, Staking, Bond, Farming, Vesting, Lending), DEX(Perpetuals, Leverage, Limit Order Book), Liquid Staking, Launchpad, Stable Coin, Oracle Implementation, Nft Marketplace, pNft, Nft Gaming, Nft Loan
- ✿ Cross-Chain: LayerZero-v2(Oapp/Oft), Wormhole, CCTP
- ✿ Backend: ASP.NET, Rust, Golang, Nodejs
- ✿ Database: MySQL, PostgreSQL, NoSQL, , Oracle, Redis-Server
- ✿ Low-Level VM Languages: WebAssembly(Wasm)

SOFT SKILLS

- ✿ Aptitude at learning new technology and programming language
- ✿ Well-written Daily Report
- ✿ Problem-Solving
- ✿ Self-motivated
- ✿ Creative Idea Suggestion
- ✿ Well-written test suite

WORK HISTORY

LUMINARY | AUSTRALIA

Full stack/Rust/Blockchain Engineer 11/2019 – now

- ✿ Developed Evm And Solana Smart Contract with Swap & Stable / CrossChain Swap.
- ✿ Enhanced the token's functionality by integrating a game contract, leveraging the concept of dynamic NFTs, boosted user

engagement by 40% and increased transaction volume by 25%.

- ✿ Pioneered DeFi Contracts including Yield Farming, AMM, Staking using Rust, Solana, Anchor.
- ✿ Developed Defi Protocols for Solana and Aptos using Rust/Move Programming language.
- ✿ Delivered Launch NFT to help users to mint, buy and sell NFTs.
- ✿ Integrated Jupiter exchange Dapp to Solpad in Solana.
- ✿ Participated in Solana Hackathon.
- ✿ Conducted internal security audits as a Solana Security Auditor.
- ✿ Revamped EVM smart contract using Solidity.
- ✿ Upgraded frontend from web2 into web3.
- ✿ Integrated WebAssembly modules into existing systems using Wasmer, resulting in a significant performance boost and enhanced cross-platform compatibility.
- ✿ Developed and deployed high-performance smart contracts and APIs, leveraging Rust and Solidity, while optimizing system performance through the use of WebAssembly for compute-intensive tasks.

EDUCATION

UNIVERSITY OF COLLEGE DUBLIN | DUBLIN, IRELAND

Bachelor's Degree in Computer Science 09/2015 - 09/2019

CERTIFICATES

Rust Programming Language Certification, Certified Blockchain Developer, Certified Web 3.0 Profession, Professional Certificate in Blockchain Fundamentals, Legacy Full Stack Developer Certification