

LYDIA GYAMFI AHENKORAH

BLOCKCHAIN ENGINEER

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SUMMARY

I'm Lee, a Smart Contract Engineer specializing in Solidity and Move development with a strong background in smart contract security and auditing. I've participated in public contests on Cantina and CodeHawks, building a solid foundation in testing, proof-of-concept creation, and vulnerability research. I have won multiple hackathons; Ataeru, my winning project from Base Batches 001 (AI Track), where I led the end-to-end smart contract architecture. I'm passionate about secure protocol design, constantly studying top DeFi codebases like Uniswap, Aave, and 1inch, and learning from leading builders such as Artem Chystiakov (Distributed Labs). Having completed a Threshold Cryptography Bootcamp with distinction, I continue to explore advanced cryptographic and protocol concepts while using tools like Hardhat, Foundry, and Remix to prototype and test ideas. I'm eager to collaborate with top teams, contribute to meaningful blockchain projects, and grow as a security-conscious builder.

SKILLS

Web3 & dApp Integration: wagmi, ethers.js, web3.js, viem, WalletConnect, RainbowKit, MetaMask Integration, NFT & Token Standards (ERC-20, ERC-721, ERC-1155), JavaScript, TypeScript, React.js, Next.js, Vite.js, Tailwind CSS, UI/UX Integration for Web3

Database Management: MongoDB, PostgreSQL, MySQL, Firebase Firestore

Blockchain Development: Solidity, Move, Rust, Hardhat, Foundry, Truffle, Anchor, IPFS, The Graph, Smart Contract Design & Auditing

Backend & API Development: Node.js, Nest.js, Express.js, RESTful APIs, GraphQL, WebSocket, CI/CD, Docker

Tools & infra : Git, GitHub, VS Code, Android Studio, Xcode, Docker, IPFS, Pinata, Alchemy, Infura

Professional: Team Collaboration, Problem-Solving, Mentoring, Remote Pair-Programming, Agile Development

EXPERIENCE

Smart Contract Engineer

Remote

freelancer

2024 - Present

- Designed and developed smart contracts in Solidity and Move, focusing on secure architecture and optimized on-chain logic.
- Planned and structured contract architectures for scalability, upgradeability, and efficient gas usage.
- Built and tested smart contracts using Hardhat, Foundry, and Remix, with emphasis on unit, integration, and fork testing.
- Implemented reusable contract libraries and modular components to enhance maintainability and reduce code duplication.
- Researched and integrated advanced EVM tooling, including debuggers, static analyzers, and gas profilers, to ensure contract reliability.
- Deployed and verified contracts across multiple testnets and mainnets, following best practices for audit readiness and security compliance.

Smart Contract Audit	Remote
Cantina, codehawks,HackenProof, code4rena	2025 – Present
<ul style="list-style-type: none">• Helped secure multiple projects with a cumulative finding of 52+(highs and medium reported vulnerabilities)• Actively research and apply secure smart contract development practices, with a strong focus on real world attack surfaces and mitigation techniques• Study audit reports and codebases of top DeFi protocols such as Uniswap, Aave, Curve, and Compound to understand common vulnerabilities and defence patterns• Currently fuzz testing current audit project to uncover more bugs.	

COMMUNITY

H.E.R. DAO
AMBASSADOR

H.E.R. DAO GHANA
COMMUNITY LEAD

EDUCATION

WISCONSIN INTERNATIONAL UNIVERSITY COLLEGE

BSc, Cyber Security

CYFRIN UPDRAFT