VINCENT ADEBISI ADESANMI

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PROFESSIONAL SUMMARY

I'm a passionate Frontend Engineer and Smart Contract Engineer with years of experience building secure, scalable decentralised applications on Ethereum and other Layer 2 platforms. Proficient in Solidity, Cairo and React/Next js with a deep understanding of blockchain protocols, cryptographic principles, and secure smart contract design. I am experienced in working within agile, cross-functional teams to develop innovative on-chain solutions, with a strong commitment to open-source contributions and advancing the software ecosystem.

WORK EXPERIENCE

Demerzel Solutions Limited, London, E14 5EU, United Kingdom

Nethermind Project   05/2024 – 08/2024

- Architected and implemented smart contracts in Solidity and Cairo for decentralised applications, ensuring secure and efficient blockchain transactions on Ethereum and StarkNet.
- Integrated zkSync for verification contracts and implemented EigenLayer AVS contracts, enhancing security and scalability.
- Collaborated with cross-functional teams to define blockchain architectures and troubleshoot smart contract issues, maintaining high network security standards.
- Contributed to the company's on-chain strategy by documenting blockchain development processes, including architecture and deployment.
- Create scripts for fortabot to test the credibility of on-chain contracts

PRODIGAL AI PTY LTD, Surry Hills NSW 2010, Australia

Blockchain Developer (Remote)   06/2023 - 02/2024

- Developed secure, scalable smart contracts and decentralised applications on Ethereum, Polygon, and Arbitrum using Solidity, Foundry, and Hardhat.
- Enhanced DApp user experiences by integrating Web3.js with frontend solutions, ensuring a seamless connection between blockchain and client interfaces.
- Maintained blockchain network security through best practices, cryptographic protocols, and comprehensive testing frameworks.
- Guided junior team members, reviewing code to ensure adherence to secure smart contract standards and industry best practices.
- Test smart contract with javascript and solidity

WEB3BRIDGE, Lagos, Nigeria

Blockchain Developer (Intern)   01/2023 – 02/2024

- Developed decentralised applications on Ethereum using Solidity, Foundry, and Hardhat, focusing on secure contract implementation and robust DApp functionality.
- Conducted code reviews and implemented best practices to ensure high-quality smart contract development.
- Documented development processes and collaborated with cross-functional teams to align solutions with business goals.
- Test smart contract with javascript and solidity

SANCHY KREATIONS, Lagos, Nigeria

Frontend Developer (Full-Time)   06/2022 – 01/2023

- Worked with the backend team to achieve a 96% completion rate of a Photosharing app named Fleep using React
- Achieve 100% completion rate of a picture framing app named photoperfect.
- Achieve a 100% completion rate of the company's website.
- Integrated third-party APIs and libraries to enhance website functionality
- Worked with the backend team to implement RESTful APIs
- Developed and maintained various UI components and features using React, Redux and React-query
- Debugged and troubleshoot issues with front-end code
- Maintained a high standard of code quality and followed best practices

ZionIT-Stem zone, Ondo State, Nigeria
Educator (Full-Time)   01/2020 – 12/2020
- Conducted training sessions on the basics of web development for children
- Created engaging and interactive lesson plans to introduce HTML, CSS, and JavaScript concepts
- Assisted students in building their first websites and web applications
- Provided guidance and mentorship to foster creativity and problem-solving skills
- Monitored students' progress and provided constructive feedback for improvement
- Collaborated with other trainers to develop curriculum and course materials
- Organised and facilitated coding challenges and projects to enhance learning outcomes

VOLUNTEERING EXPERIENCE

SKOOQS, LAGOS, NIGERIA
Mentor(Part-Time)   04/2023 - 02/2023
- conducted training sessions on the basics of web development for children
- Created engaging and interactive lesson plans to introduce HTML, CSS, and JavaScript concepts
- Assisted students in building their first websites and web applications
- Provided guidance and mentorship to foster creativity and problem-solving skills
- Monitored students' progress and provided constructive feedback for improvement
- Collaborated with other trainers to develop curriculum and course materials
- Organized and facilitated coding challenges and projects to enhance learning outcomes.

WEB3LADIES, LAGOS, NIGERIA
Mentor (Full-Time)   10/2023 - Present
- Dedicated to empowering aspiring female developers through comprehensive training in web development fundamentals. Provide guidance and support to facilitate skill acquisition and foster a more inclusive tech community

EDUCATION

YORK ST JOHN'S UNIVERSITY, LONDON CAMPUS | MSc INTERNATIONAL PROJECT MANAGEMENT
01/2024 – 01/2025

UDEMY | ZERO KNOWLEDGE PROOFS IN RUST   08/2024
CID: https://www.udemy.com/certificate/UC-3b677643-c83a-49ed-9caf-76d8dfb08c0e/

ENCODE CLUB | SOLIDITY BOOTCAMP   08/2022 – 10/2022

FEDERAL UNIVERSITY OF TECHNOLOGY AKURE | B.ENG METALLURGICAL AND MATERIALS ENGINEERING
11/2015 – 10/2021

Researchwork: Atmospheric Corrosion Mapping of the Federal University of Technology Akure.

PERSONAL PROJECTS

SPENDNEST - A DECENTRALISED BANKING SYSTEM, VISIT SITE
- Collaborated with a team to build spendnest for ETH Online, in which the Dapp in which the Dapp makes use of commet for Account abstraction and GraphQL for transaction history.
- Played a key role in smart contract development and frontend implementation.

DONORSYNK - A BlOOD DONATION REWARD SYSTEM DAPP, VISIT SITE
- Collaborated with a team to build DonorSynk for ETH Accra, in which the Dapp wins the second place in Ethereum foundation Bounty.
- Played a key role in smart contract development and frontend implementation.

COFFER, DECENTRALISED PHOTOSHARING DAPP, VISIT SITE
- Led a team in the development of Coffer, a decentralized application that enables users to securely save and share photos using blockchain technology for NAVH Hackathon. This Dapp wins To Infura and Beyond Bounty.
- Collaborated closely with team members to deliver a functional prototype within the hackathon time frame.

GROWTOKEN, DECENTRALISED AGRICULTURAL INVESTMENT DAPP, VISIT SITE
- Participated as a member of a team for a hackathon project aimed at revolutionizing the agricultural investment landscape
- Contributed to both smart contract development and frontend implementation
- Developed smart contract functionalities to enable transparent and secure transactions
- Built responsive and intuitive user interfaces using Nextjs
- Collaborated closely with team members to deliver a functional prototype within the hackathon time frame.

NEON, DECENTRALISED HEALTH INSURANCE DAPP, VISIT SITE
- Led a team for the development of neon, for an hackathon.
- Contributed to the frontend and smartcontract development, creating a user-friendly interface for policyholders and insurance providers
- Implemented features to facilitate secure and transparent transactions using blockchain technology
- Collaborated closely with team members to deliver a functional prototype within the hackathon time frame.

NEON, DECENTRALISED HEALTH INSURANCE DAPP, VISIT SITE
- Led a team for the development of neon, for an hackathon.
- Contributed to the frontend and smartcontract development, creating a user-friendly interface for policyholders and insurance providers
- Implemented features to facilitate secure and transparent transactions using blockchain technology
- Collaborated closely with team members to deliver a functional prototype within the hackathon time frame.

TECHNICAL SKILLS

Blockchain Technologies: Ethereum, StarkNet, zkSync, EVM, Layer 2 scaling
Smart Contracts: Solidity, Cairo, Rust
Frameworks: Foundry, Hardhat, Protostar
Frontend: React, Next.js, Vite
Tools: Git, VS Code, GraphQL, Comet, Forta Bot
Languages: JavaScript, TypeScript, HTML, CSS
Consensus Algorithms: Proof of Work, Proof of Stake
Security Practices: Secure smart contract coding, cryptography principles
Collaboration: Agile methodologies, CI/CD, remote team environments

KEY SKILLS

- Blockchain architecture and protocol design
- Smart contract development (Solidity, Cairo)
- Performance optimization and scalability
- Problem-solving and debugging in blockchain networks
- Cross-functional team collaboration
- Strong understanding of cryptographic principles

REFERENCE(S)

Available on request