

TEMITAYO DANIEL AKINNUSOTU

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EDUCATION

Federal University of Technology, Akure (FUTA), Akure, Nigeria

B.Tech in Computer Science(Information Technology Option), January 2017- April 2023

Second Class Honors(4.05 out of 5.0)

Thesis Title: [Development of a Gasless and Efficient Electronic Voting System on the Blockchain](#)

SKILLS & TOOLS

Programming Languages: Solidity(Intermediate), JavaScript, TypeScript, C, Python

Blockchain Development: Smart Contract Development(Proficiency with Solidity), Hardhat and Foundry tooling

Frameworks: EthersJs(Proficient)

Soft Skills: Research, Critical Thinking, Adaptability, Collaboration, Problem-Solving

RESEARCH EXPERIENCE

Undergraduate Thesis (2023) under Dr. B.M. Kuboye (2023): [Development of a Gasless and Efficient Electronic Voting System on the Blockchain.](#)

WORK EXPERIENCE

Blockchain Engineer, Pixelcraft Studios, Singapore (Remote): April 2021 - Present

- Created and implemented complex smart contract features like Merkle-tree-based asset distribution, and also improved the on-chain randomness generator.
- Helped in facilitating the full cross-chain data transfer of more than 4 proxy contracts, allowing the migration to be automated and devoid of user involvement.
- Automated the bulky SVG generation process, thereby making new proxy deployments faster and less error-prone.

Employer contact information: dan@pixelcraftstudios.io

Co-founder & Lead Developer, [Web3Bridge](#), Lagos, Nigeria: November 2020-Present

- Tutored Solidity and web3-related content to experienced web2 developers in Nigeria.
- Made changes to the academic cohort-based curriculum used to teach the students to allow for new advancements in the ecosystem

Employer contact information: ayodeji@web3bridge.com

AWARDS

- Third Runner up, Naijasecccon 2018
- [Winner, 2019 National Blockchain Hackathon Competition.](#)
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TECHNICAL PROJECTS

ERC1155 Merkle Distributor: ([Project Link](#))

- A token distributor for ERC1155 tokens that uses Merkle trees for on-chain verification

Foundry-Hardhat-Diamonds: ([Project Link](#))

- A simple [EIP2535](#) monorepo template that allows developers to use both hardhat and foundry in the same project.

Web3Lagos_CTF2023: ([Challenge](#) | [Code](#))

- A complex CTF(Capture The Flag) written as a Challenge to the Smart Contract auditors at the Web3lagos 2023 Conference
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CONFERENCES & PRESENTATIONS

[Building Polylithic and Upgradeable Contracts with the Diamond Standard](#)" at Web3Lagos Conference 2022.

[Introduction to Symbolic Execution and Formal Verification for Smart Contract Security](#) at Web3Lagos 2023.