

# 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](mailto: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](mailto: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.