
OLASUPO TAOHEED ADEMOLA

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WWW: <https://portfolio-taoheedademolas-projects.vercel.app/>

Personal Summary

Versatile and innovative Mobile Application & Web Developer with 3+ years of experience delivering responsive applications using React Native, React.js, and modern web technologies. Proficient in blockchain development, particularly with Solidity and smart contract deployment on Ethereum-compatible networks. Adept at bridging frontend and backend technologies to produce seamless, scalable, and secure applications. Passionate about decentralized technologies, UI/UX design, and clean, maintainable code.

Skills

- React.js
 - React Native
 - JavaScript
 - HTML5
 - CSS3
 - Tailwind CSS
 - Firebase
 - Git & GitHub
 - Netlify
 - Expo
 - Solidity
 - Hardhat
 - Ethers.js
 - Web3.js
 - MetaMask Integration
 - REST APIs
 - AsyncStorage
 - Context API
 - React Navigation
 - Smart Contract Development
 - Figma
 - Responsive Design
 - State Management
 - Debugging & Testing
 - API Integration
 - Agile Workflow
 - Problem Solving
 - Team Collaboration
 - Time Management
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Experience

- | | |
|---|--------------------|
| Mobile Developer | 04/2025 to Current |
| Vibetune (Music Streaming App) | Remote(Contract) |
| <ul style="list-style-type: none">• Designed and developed a music preview streaming app using React Native, with support for both Android and iOS platforms.• Integrated the Dreazer API to fetch and play music previews from trending tracks and artists.• Built modular components for track lists, preview playback, search, and user interactions using React Native best practices.• Managed app state using React Context API and persisted favorites and preferences with AsyncStorage.• Implemented an intuitive UI with responsive layouts and smooth navigation transitions between screens.• Enabled basic media control features for previews, including play, pause, and track switching.• Conducted ongoing testing and debugging to prepare the app for public release, focusing on performance and user experience. | |
| Web Developer & Blockchain Developer | 02/2025 to 04/2025 |
| Demo protocol | Remote |
| <ul style="list-style-type: none">• Developed and maintained a DeFi platform frontend using React.js, Tailwind CSS, and modern Web3 libraries.• Wrote and deployed Solidity smart contracts for lending, borrowing, and staking functionalities using Hardhat.• Integrated smart contract interactions with the frontend using Ethers.js, enabling wallet connections and transaction processing.• Implemented secure wallet authentication via MetaMask, with real-time on-chain data display and user | |

feedback.

- Designed and tested core contract logic, including loan-to-value (LTV) ratios, interest accrual, and liquidation rules.
- Collaborated on frontend/backend integration, handling state management, loading states, and error handling for blockchain events.
- Contributed to contract audits, wrote test cases for all contract functions, and optimized gas efficiency for user transactions.

Blockchain Developer (Solidity)
SmartChain Solutions

10/2024 to 01/2025
Contract

- Designed and deployed Ethereum smart contracts using Solidity for financial transactions and asset management.
- Utilized Hardhat and Truffle for contract testing, deployment, and automated workflows.
- Connected dApps to smart contracts using Ethers.js and handled on-chain event listeners.
- Integrated Metamask wallet for user authentication and interaction with smart contracts.
- Conducted unit testing and simulated edge cases to ensure contract security.
- Optimized gas usage and contract logic to reduce transaction fees.
- Developed custom token logic (ERC-20/ERC-721) and implemented staking/reward mechanics.
- Wrote thorough documentation for smart contract functions, data structures, and deployment scripts.
- Collaborated with UI/UX teams to create seamless blockchain-user interfaces.

Web Developer

01/2023 to 06/2024

Tech Startup (Confidential)

Abeokuta, Ogun State

- Worked as part of a small, fast-paced team to build and maintain responsive web applications using React.js, HTML, CSS, and JavaScript.
- Translated UI/UX designs into pixel-perfect interfaces and ensured mobile responsiveness across devices.
- Collaborated closely with backend developers to integrate REST APIs, handle dynamic content, and manage application state.
- Contributed to feature planning, sprint reviews, and regular code reviews following Agile development methodology.
- Built reusable components and implemented form validations, authentication, and user dashboard functionality.
- Participated in deployment and testing processes to ensure cross-browser compatibility and bug-free releases.

Education

Bachelor of Science: Physics
FUNAAB

Expected in 12/2025
Abeokuta, Ogun State

Certifications

- React – The Complete Guide (incl. Hooks, React Router, Redux) – Udemy
- Build Responsive Real-World Websites with HTML and CSS – Udemy
- React Native – The Practical Guide – Qudusayo
- Modern JavaScript From The Beginning – Udemy
- Solidity & Ethereum Blockchain Development: Build DApps – Icon Acedemy
- The Complete Web Developer in 2024: Zero to Mastery – Udemy
- Ethereum and Solidity: The Complete Developer's Guide – Icon acedemy
- Firebase for Web & Mobile Apps – Udemy

References

References available upon request.