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# OLASUPO TAOHEED ADEMOLA

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## Summary

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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.

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## Skills

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- 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

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

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  
Tech Startup (Confidential)

01/2023 to 06/2024  
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.

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## Education

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Bachelor of Science: Physics  
FUNAAB

Expected in 12/2025  
Abeokuta, Ogun State

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## Certifications

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- 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

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## References

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References available upon request.