Victor Okpukpan

Email | Github | Portfolio | Twitter

EDUCATION

University of Uyo   **Akwa-Ibom, Nigeria**

Bachelor of Science, Computer Science   2024
- Studied core computer science topics, including software development, data structures, and algorithms, with a focus on building efficient and scalable systems.

Cyfrin Updraft   **Remote**

Blockchain Development and Security   2024
- Learned foundational and advanced blockchain development concepts, including smart contract security and auditing.

WORK EXPERIENCE

Ambassador | Cyfrin Updraft   **2024 - Present**
- Shared blockchain knowledge and mentored aspiring developers in the community.
- Created educational content to promote blockchain development and security best practices.
- Advocated best practices in smart contract development, contributing to the security and reliability of the blockchain ecosystem.

Frontend Developer | Viraaly   **2024 - Present**
- Handled the development of the official website for Viraaly's platform, focusing on user-friendly interfaces and seamless navigation.
- Integrated advanced features, optimizing user experience for both desktop and mobile versions.
- Maintained and updated the website regularly, implementing new features, bug fixes, and content updates as required to meet the platform's needs.

Frontend Developer | PassAR   **2024 - Present**
- Solely developed the frontend of PassAR, focusing on creating a smooth user experience for its users.
- Integrated QR code-based ticketing for secure and efficient event validation through the platform's web interface.
- Implemented ArConnect wallet integration, enabling secure user interactions for wallet-based transactions and ticket management.
- Collaborated with the backend team to ensure smooth communication between the frontend and smart contract functions on the Arweave AO computer.
- Regularly updated and maintained the website, adding new features and improving user experience based on feedback and system requirements.

Freelance Frontend Developer   **2022 - Present**
- Collaborated with several clients to design and develop custom, responsive websites, ensuring alignment with business goals and user needs.
- Worked closely with clients to gather requirements, provide updates, and implement necessary changes in a timely manner, ensuring satisfaction throughout the project lifecycle.
- Maintained and updated existing websites, adding new features and functionality as per client requests.

Freelance Smart Contract Developer   **2024 - Present**

- Developed secure, efficient smart contracts for client projects and personal blockchain initiatives, focusing on Ethereum and EVM-compatible networks.
- Conducted in-depth security audits, identifying vulnerabilities and implementing best practices for gas optimization and performance.
- Integrated smart contracts with frontend applications, ensuring seamless interaction and decentralized transactions.

PROJECTS

- **[Viraaly Official Website](#):**
  As the frontend developer for Viraaly, I built the official website, focusing on user-friendly design and responsive functionality using NextJs and TypeScript. I also maintain the site, adding updates and optimizing performance based on feedback.

- **[PassAR](#):**
  PassAR is a decentralized event management platform built on the Arweave blockchain, enabling tamper-proof ticketing and event validation. For this project, I developed the frontend and wrote the code to interact with the Arweave AO supercomputer, ensuring smooth communication between the frontend and blockchain. I also integrated QR code-based ticketing and the ArConnect wallet for secure user transactions.

- **[Zend](#):**
  Zend is a platform built on Base that allows users to send USDC to anyone using just emails or basenames. When using emails, the platform generates a unique link to store the transferred asset, which the recipient can claim later. I developed the frontend and integrated the Peanut SDK to handle the creation of links to store the asset and also integrated the backend functionality to send those links as emails, ensuring a seamless experience for users and recipients.

SKILLS AND INTERESTS

- **Frontend Development:** JavaScript, React, NextJs, TypeScript, Tailwind CSS, Framer Motion.
- **Blockchain Development**: Solidity, Foundry, Wagmi, Web3, OpenZeppelin, RainbowKit, Slither, Aderyn.
- **Languages:** English
- **Hobbies:** Gaming, reading, and anime.