

Charles N. Nwankwo

Lagos, Nigeria | +234 806 974 8402 | charlesnwankwo000@gmail.com | [LinkedIn](#) | [Portfolio](#)

Summary: Results-driven Senior Web Developer with over 5 years of experience in front-end development. Proficient in building scalable, user-centric applications with a focus on performance optimization and Web3 technologies. Adept at collaborating with cross-functional teams to deliver high-quality solutions.

SKILLS

Development: HTML5, CSS3, JavaScript, React, TypeScript, Vite, TailwindCSS, ReactQuery, ServiceWorker, Redux Toolkit, React Native, Node.js, Next.js, GraphQL, Jest, Cypress

Web3 & Blockchain: Web3.js, ERC-721, IPFS, Web3 Auth, Decentralized Application Development

Performance Optimization: Lighthouse, Memory Optimization, Delay Reduction, Crash Troubleshooting

Management & Design: Storybook, Styled components, Tailwind, CSS modules, Lottie, Figma, Canva, Pixlr, Snapseed, Jira, Monday, Clickup.

Accessibility: WCAG 2.1, ARIA.

Soft Skills: Proactive Problem-Solving, Team Collaboration, Effective Communication

WORK EXPERIENCE

Alphaday

Singapore, Singapore

Software Engineer & UI Designer

2021 - Present

- **Led the design and development** of [Pulse](#) with react-native with 30,000+ users on iOS and android in 3 months.
- **Mentored and onboarded** 3 team members, facilitating their quick adaptation and contribution to the codebase within a week.
- **Simplified and developed complex calendar components** and integrations that differentiate our product from many other competitors.
- **Redesigned and developed a design system** based on user feedback and got lots of positive reviews.
- **Lead the migration from a legacy stack** to Vite, Typescript, React and Tailwind.

Reeddi Inc.

Toronto, Canada

Full-stack Developer

2021 - 2022

- **Collaborated with product designers** to create and implement a company-wide design system, improving development efficiency.
- **Optimized front-end performance**, achieving a 40% improvement in load times.
- Implemented pixel-perfect designs for [Reeddi's home page](#).
- Rebuilt an onboarding flow with full KYC in a way that **drastically reduced complexity and boosted sign ups by 20%** for [Tempown](#).
- **Participated in product-roadmap meetings** with senior developers and project leads.

PROJECTS

Tribunals (tribunals.vercel.app)

A decentralised NFT-based voting system for DAOs.

- Developed a novel NFT-gated for DAO vote participation system.
- Integrated Web3 Auth, ERC-721 token creation, data-chaining, reading and writing data to IPFS.
- Winner: (Evmos-Covalent hackathon & Layerhack hackathon) DAO track.
- 1st Runner-up: Unstoppable Domain Track (Polygon Hackathon).
- Finalist: DaoHack, EthSafari hackathon.

Gosi (gosi.app)

A platform providing socioeconomic data on Nigeria, with an interactive map for easy exploration.

- Worked with topoJSON and geo-located data.
- Helped over 5000+ users visualise and understand the data about Nigeria.

EDUCATION

Federal University of Technology, Akure

Ondo state, Nigeria

Bachelor of Engineering in Electrical and Electronics Engineering.