

Confidence Chukwudi

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WORK EXPERIENCE

Oceanic Charts

Jun. 2024 – Present

Co-Founder

Remote

- A cryptocurrency trading platform providing real-time price charts and market data to facilitate digital asset transactions.
- Designed backend services to fetch, normalize, and store trading data.
- Integrated the Bitget API for seamless transactions and order data fetching. Implemented chart visualization using TradingView API for real-time analytics.
- Utilized tech stack including Node.js, React, MongoDB, Supabase, Bitget API, TradingView API, and Tailwind CSS.

Storra

Sep. 2024 – Dec. 2025

Lead Backend Developer

Awka, NG

- Children's e-learning platform offering core subjects via notes, audio, and video content.
- Led backend development and designed a gamified engagement system.
- Architected API layer for course progression and reward systems.

Genesys Tech

Oct. 2023 – Jul. 2024

Frontend Developer

Enugu, NG

- Fast-growing tech company with 30+ employees developing web applications for over 80,000 users.
- Developed and delivered 8 production-ready frontend projects. Improved page load times and user engagement through optimization, lazy loading, and reusable components.
- Utilized stack: React, Next.js, React Native, JavaScript, TypeScript, Tailwind CSS, REST APIs, Git.

EDUCATION

Akanu Ibiam Federal Polytechnic

Oct. 2025

Higher National Diploma, Mechanical Engineering

Ajikepa, NG

PROJECTS

[DevDock – Desktop Development Service Manager](#)

- Developed Electron desktop app using React, TypeScript, and Node.js. Implemented backend service controller using Node.js child_process for managing local services. Built configuration system for persistent service settings and user preferences
- Designed responsive dashboard with real-time service status indicators. Created IPC bridge between Electron main and renderer processes. Implemented system tray controls, health monitoring, and error handling
- Packaged app for Windows, macOS, and Linux using Electron Builder
- Tech Stack: Electron, React, TypeScript, Node.js, Tailwind CSS, Vite Supported Services: Docker, PostgreSQL, MySQL, Redis, MongoDB, Nginx, Apache, Node servers

[GuardNZ — AI-Assisted Phishing & Malicious Link Detection System](#)

- Built a full-stack security tool that analyzes URLs to detect phishing and malicious links before user interaction.
- Implemented a multi-layer detection pipeline combining domain intelligence, phishing heuristics, and sandbox analysis. Developed a risk-scoring engine that classifies links as Safe, Warning, or Dangerous with a percentage safety score.
- Integrated urlscan.io API for asynchronous sandbox scanning of high-risk URLs. Designed REST APIs for link scanning and threat evidence retrieval. Stored scan results using PostgreSQL (Supabase) and built a responsive interface for real-time scan results.
- Tech Stack: Next.js, React, Tailwind CSS, FastAPI, Python, PostgreSQL, Supabase, urlscan.io API

[SubWise – Intelligent Subscription Management Platform](#)

- Built a full-stack platform that helps users track, analyze, and optimize recurring subscriptions through automated detection, spending analytics, and streamlined cancellation tools.
- Developed full-stack application using Next.js, React, TypeScript, and MongoDB. Built browser extension for automatic subscription detection across 50+ services. Implemented OCR-based receipt scanning using Tesseract.js to extract subscription data from emails. Designed price comparison engine with crowdsourced pricing insights
- Created analytics dashboard showing spending trends and optimization recommendations. Implemented renewal alerts and trial-ending notifications. Built one-click subscription cancellation generator with pre-filled email templates
- Tech Stack: Next.js, React, TypeScript, Node.js, MongoDB, NextAuth.js, Stripe API, Tailwind CSS, Chart.js, Tesseract.js, Chrome Extension API

[RankX – Community Ranking Platform](#)

- Built a competitive social platform where Twitter/X users earn rankings through community voting across 18+ professional categories, featuring real-time leaderboards, 105+ achievement badges, and an admin analytics dashboard.
- Implemented OAuth 2.0 authentication with Supabase and Twitter/X API. Designed secure voting system with self-vote prevention and rate limiting. Built gamification engine with 105+ badges and automated cron-based rewards
- Created admin dashboard for analytics, user management, and fraud monitoring. Also implemented optimistic UI updates for real-time voting feedback
- Tech Stack: React, TypeScript, Node.js, Express, MongoDB, Supabase, Tailwind CSS, Framer Motion, Axios, Node-cron

SKILLS, TECHNOLOGIES & INTERESTS

- **Skills:** Web Development; App Development; Strategic Planning; Critical Thinking; Authentication Systems
- **Technologies:** React; Next.js; React Native; TypeScript; JavaScript; Python; Node.js; Express; FastApi; MongoDB; PostgreSQL; VueJS; NestJS; ElectronJS
- **Interests:** Yoga; Traveling; Gaming; Cooking