

CHUKWUEBUKA OSUJI

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EXPERIENCE

Enso Collective

Fullstack engineer

Remote

January 2024 - Present

- Built Proof of bot for Twitter, Warpcast and Lens in Typescript, Postgres, EAS (for onchain attestations), Open AI vision (for brand analysis)
- Built proofof.bot dashboard with Next.js, Privy and Tailwind CSS
- Built and deployed smart contracts leveraging hats protocol to reward onchain attestations using Superfluid streams
- Built and deployed several frames and actions to the farcaster protocol with Frog.fm, Neynar and Typescript

Helicarrier

Research Engineer

Remote

February 2023 - December 2023

- Research Maximal Extractable Value(MEV) in Defi exchanges such as Uniswap and Pancakeswap and analyze optimal strategies to generate MEV. Focusing on arbitrage techniques using graph-based algorithms and SMT solvers.
- Research profitable pairs trading strategies in Defi exchanges using measures such as cointegration and underlying dependence structures of crypto assets e.g using Copulas.
- Built Memecaster (a farcaster client focussed on memecoins) using React native, postgresql, Sequelize, Neynar and typescript

Famasi Africa

Fullstack engineer (contract)

Remote

June 2022 - Jan 2023

- Built Dispensary POS app in react native and typescript, with CI/CD pipeline in Fastlane, Github Actions, Firebase, App Center(and codepush) and Native Modules for handling POS transactions using Java.
- Built Dispensary API in Node.js/Express, Postgres, Prisma, Typescript, Docker and Docker Compose/Nginx.
- Built internal inventory/order management, tracking and fulfillment infrastructure using Postgres, Node, React and Zoho APIs

Analytics Intelligence

Fullstack engineer

Remote

September 2021 - June 2022

- Built PowerbyAI, a low code machine learning platform for developers (providing robust CV models) using Node/Express, typescript, prisma, mongodb and react. Wrote unit & integration tests, built CI/CD pipeline with Github actions and deployed to Digital Ocean app platform.
- Dockerized and deployed ML models for PowerbyAI to (Docker Compose/Nginx at first) kubernetes on Digital Ocean
- Built initial frontend for Data Assistant (a generative AI solution for data analytics) in React, Typescript and Redux
- Built and deployed ETL Data Gateway service in Golang (integrates data from Postgres, MongoDB, Excel, CSV and raw text as embeddings) to support Data Assistant and Data Syntax(proprietary NLP engine for Data Analytics).

Cobblescore

Fullstack engineer

Remote

March 2020 - August 2021

- Built Cobble app in React native and Typescript, deployed to App store and Play store with up to 10k combined users. Wrote unit and integration tests and built CI/CD pipeline in Github actions for deployment to Firebase, App Platform and Playstore and App store.
- Built API for Cobble app in Node.js/Express, Typescript, Prisma and Postgres, integrated payments (and recurring debits) with Paystack, Mono and Okra and credit data fetching and submission to two out of three Credit Bureaus in Nigeria (First Central and CRC). Built CI/CD pipeline with Github actions, deployed to Digital Ocean droplets.

- Built web dashboard to improve debt recovery for lenders in react and typescript and deployed to Digital Ocean droplets.

INFORMATION SCIENCE

Imo State University

BS *GPA: 4.28/5*

Owerri, Imo State

Sep 2014 - Sep 2019