Adebesin Tolulope

- Full Stack Engineer with over 3 years of experience in building dynamic web applications and scalable systems. While I began my journey as a Frontend Engineer, I have expanded my expertise to include backend development and working with LLMs. Currently, I am mastering backend and LLM integration to become well-rounded across the stack.

Contact

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Skills

Technical Skills: Typescript, LLMs, Javascript, NextJs, ReactJs, Langchain, HTML and CSS, Prisma, Graphql, Git, Zod, Tailwind CSS, Wagmi, and Vitest.
Developer Tool: Git, Firebase, VsCode, Biome.
Others: RESTful APIs, Continuous Integration, Google Analytics, Posthog, Xstate, and Deployment (CI & CD)

Work Experience

Software Engineer - Braindao, United States (Remote)

Sept 2022 - Present

- I actively contributed to the development and integration of IQ GPT using Next.js, TypeScript, Prisma, and Langchain. Which currently has integrations in 400 Telegram communities, 200 Discord servers, and has engaged over 5,000 web users. Significant integrations include Frax Finance and UniLend Finance, reaching communities of up to 19,000 members. Key contributions include:
  - Developed a comprehensive dashboard system enabling the integration of custom knowledge sources, including features such as a source management UI with server-side logic, drag-and-drop functionality for web page and PDF imports, reusable code components, and seamless frontend-backend integration, supporting the addition of up to 30k documents and 150 folders, along with enhancements to user access controls and the implementation of pagination and user plugins.
  - Built IQGPTcom Automated Bot – Designed and developed a bot using Apify, LangChain, LangFuse (for query monitoring), and TypeScript. The bot responds to live user queries on Twitter, posts daily random facts about crypto and blockchain, provides insightful opinions, and efficiently summarizes long tweets.
  - Implemented a Telegram bot using Next.js, TypeScript, and Zod for schema processing to enhance user interactions for checking token prices, managing tokens, and adjusting settings, resulting in a 30% increase in user satisfaction.
  - Developed a chat-based UI for web users and backend routes with Next.js and Prisma. This enabled features like adding, deleting, and pinning chats, and accessing chat history, which drove user engagement with over 10,000 chats initiated.
  - Integrated next-intl for multilingual support, enabling IQ GPT to deliver user experiences in Korean, Japanese, and Chinese. This enhancement broadens global accessibility and user engagement by allowing interactions in native languages.
  - Established an efficient CI/CD pipeline with GitHub Actions, accelerating release cycles by 35% and enhancing deployment reliability, leading to a 25% increase in user satisfaction.
- Active contributor to the IQ.wiki ecosystem using Next.js, TypeScript, Redux for state management, and GraphQL for requests, which currently has 3,000 articles created (on-chain) and 11,000 edits on-chain. Key contributions include:
  - Developed a notification system to alert users of updates to their subscribed wikis, and implemented a content feedback system for user feedback on article edits.
  - Fixed bugs with translations and the creation/editing of articles, also known as wikis. Enhanced metadata by allowing the addition of events for wikis, such as the date created for tokens and other significant events related to the token.
  - Improved wiki summary generation using GPT-3.5 Turbo to structure summaries efficiently. Enhanced search functionality and refactored to use debounce querying.
  - Contributed a commit to improve magic-labs code, updating it to the latest wagmi connector standards.
  - Actively involved in fixing UI features and bugs across other Braindao projects, such as the IQ code, IQ oraqles, IQ dashboard and IQ social.

Education

Bachelor of Technology, Computer Engineering (in progress), Akure, Nigeria

Federal University Of Technology, Akure. October 2020 - Present
Relevant Coursework: Discrete Maths, Object Oriented Programming with C++, Introduction to C programming.

Other Involvements

Some projects are available on the GitHub profile: @Adebesin-Cell.
Open Source Projects
Notable contributions include:

- **Syncia:** Assisted in refactoring code around chat history, updated chat UI and also fixed functionality to add new chat.
- **IQ.wiki:** Top contributor at IQ.wiki formerly Everipedia, assists in fixing bugs, actively participated in UI designs which led to over 1 billion IQ token locked, analytics and SEO improvements using Google analytics and posthog. Added notification, timeline of event, rank page features.