

# NWOSU IFEANYI EMMANUEL

## FRONTEND ENGINEER

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Portfolio: [Work Samples](#), ProductHunt: [ProductHunt](#) Contact: +2349070712068

Frontend Engineer with over 3+ years of experience building performant and scalable interfaces using ReactJs, NextJs and Svelte. Passionate about developer tooling, AI integration and crafting seamless user flow that improves engagement and retention.

### SKILLS

- **Language:** Typescript, JavaScript, PostgreSQL,YAML.
- **Frontend:** ReactJs, NextJs, Svelte/Svelte Kit,Zustand,Redux/Redux Toolkit
- **Backend:** NodeJs, ExpressJs, MongoDB,Supabase,Rest API, CMS(Content Management System)
- **Testing&DevOps:** Git/Github,Jest,Vitest, Docker,Vercel,Postman
- **Practices:** Agile/Scrum,Unit testing,CI/CD,cross functional collaboration

### EXPERIENCE

**ClassroomIO (Codacy pioneer '23)**, London, UK — *Frontend Engineer (Svelte,NextJs)* July 2023 - Present

Open sourced AI driven Edtech Saas to streamline education across Africa

- Developed a robust CLI tool for scaffolding our free and self-hostable [LMS web application](#), improving developer onboarding by 40% and demonstrating expertise in developer tools.
- Built a high performance video upload and processing system using Cloudflare and AWS S3 SDK, improving large file handling and cutting upload time by 30%.
- Designed and Built an AI driven automated grading API using OpenAI and vercel AI sdk reducing grading time for tutors by over 50% and increasing grading consistency.

**Uniflow**, London, UK — *FrontEnd Developer (ReactJs & NextJs)* (Contract) April 2023 - May 2023

A decentralized platform for controlling financial assets and data

- Migrated core platform from ReactJS to NextJS, improving lighthouse performance score from 47 to 94 cutting page load time by 2.3s.
- Leveraged NextJS's built-in optimization techniques to improve user experience, cross browser compatibility accessibility and overall web vitals, achieving a 20% improvement in performance.

**Schulltech**, Lagos, Nigeria — *FrontEnd Developer (ReactJs)* August 2022 - December 2022

IT consulting and E-learning

- Collaborated with the UI/UX team to translate Figma designs into pixel-perfect UI, using reusable and scalable components that reduced development cycles by 40%.
- Integrated an Agile methodology in Engineering the MVP for a library-based web application using React, JavaScript, and Tailwind CSS, projected to serve over 2000+ academic scholars.
- Implemented RESTful API integrations, ensuring smooth frontend - backend communication and data integrity.

### PROJECTS

- [AssignGPT](#)(NextJs,Typescript, Vercel AI sdk,Supabase): 100+ chats and quizzes generated with Assigngpt, a quiz generator powered by ChatGPT and vercel AI sdk + generative UI for taking quizzes on any subject on the fly.
- [Course-Builder](#)(ReactJs,typescript,socketIO,NodeJs): Built 6+ LMS self hostable web app templates for the open source community.
- [Convertly](#) (NextJs,Typescript,NodeJs,ExpressJs,MongoDB): Built a Speech to text converter, integrated with extra support for downloading, editing and sharing transcripts across social networking platforms in seconds.
- [CLI-Template-Starter](#) (Javascript, NodeJs, YAML, NPM): Created a developer tool for scaffolding frontend projects quickly using a framework of choice,published to NPM with over 130+ downloads.
- [Main stack](#) (NextJs,Typescript, Vitest): Built a fully functional desktop version of the main stack dashboard.

### EDUCATION

Bachelor of Engineering(B.sc), Electronic and Computer Engineering.  
University of Nigeria,Nsukka