

Emmanuel Oluwabamise Tobi

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EDUCATION

Olabisi Onabanjo University B.sc Computer Science	Sept 2023 – Present
Ijebu Anglican Diocesan College SSCE	Sept 2016 – Oct 2022

EXPERIENCE

SyncPro <i>Full-stack Developer(part-time)</i>	Remote(Nigeria) May 2024 – Present
<ul style="list-style-type: none">Joined the startup as an entry-level full-stack developer, quickly adapting to a new tech stack including PostgreSQL, NestJS, and later Nuxt.js (Vue-based), despite having a background in React.Initially spent time learning and observing due to project timelines and team priorities, demonstrating patience, initiative, and commitment to self-directed learning.Began contributing actively to the development of the company's application pricing page, learning Nuxt.js under real project constraints and improving cross-framework fluency.Navigated a steep learning curve, working across both backend and frontend tasks, and gaining hands-on experience in adapting to new ecosystems, tools, and workflows.	

TechTrenches <i>Engineering lead/ Full-stack Developer(volunteer)</i>	Remote(Nigeria) Nov 2024 – Feb 2025
<ul style="list-style-type: none">Leading the development of a community team project, actively contributing as a full-stack engineer while overseeing a frontend team and collaborating with the design team to ensure design consistency and feasibility.Drive backend development using Node.js, Express.js, PostgreSQL, and Prisma to build robust and scalable APIs.Coordinate with frontend developers using React, TypeScript, and Tailwind CSS, ensuring adherence to clean architecture and UI/UX principles.Act as a bridge between engineering and product, providing input on functionality, timelines, and user experience—functioning in a hybrid technical lead / product owner capacity.	

Bimpe <i>Software Engineer(part-time)</i>	Remote(United Kingdom) Apr 2024 – Apr 2025
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- Developed and maintained web applications using PHP, implementing efficient, secure backend logic for dynamic content and user interactions.
- Built and optimized RESTful APIs to integrate frontend and backend functionality seamlessly, improving application performance and user experience.
- Collaborated with frontend teams to ensure smooth integration of UI/UX elements, focusing on delivering responsive, user-friendly applications.
- Implemented debugging, testing, and troubleshooting processes to resolve issues, ensuring stability and security across applications.

PROJECT

Pass

Stack: Next.js (Frontend), NestJS, PostgreSQL, TypeORM, Typescript

Pass is an educational web application designed for undergraduate and graduate students to upload study materials or past questions and receive an enriched, more comprehensive version of the document.

Originally intended to process text-based resources, the project has undergone several iterations. I'm currently building an image-processing feature that allows users to simply upload a picture of a resource, which the system will analyze and enhance automatically.

Though still a work in progress, Pass has been a major learning milestone in my full-stack development journey, teaching me about system architecture, file handling, and improving user experience with automation.

InspoForge

Stack: Reactjs (Frontend), Node.js, Typescript

InspoForge is a content repurposing tool that helps users generate high-performing posts and video titles inspired by existing content.

The core idea is to allow creators to input a popular tweet, blog title, or video headline, and the software analyzes it to generate similarly styled content tailored to the user's niche or audience. Features include post-style mimicry and headline inspiration tools for platforms like YouTube and X (formerly Twitter).

This project deepens my experience in natural language processing, prompt engineering, and UX optimization for content creators. This project is also a work in progress.

Report Generation Software

Stack: React, Typescript, Node.js, Express, Google Gemini API

This is a data-focused application that enables users to upload .xlsx files and generate detailed reports from their contents.

The tool parses and displays spreadsheet data with a clean UI, and leverages AI to extract summaries, insights, and key metrics from the uploaded files. It's designed to help individuals and teams derive meaningful information from raw Excel documents without manual analysis.

Key features in development include:

- Multi-sheet support and navigation
- AI-assisted data summarization and interpretation
- Clean, responsive interface for data presentation

Note: Most of the projects showcased here are still in development. I'm actively working on them and will update this site and my resume with finalized versions and full details as each project is completed. Thank you for your patience and interest in my work.

Tech Stack

Frontend(TypeScript, Next.js (React), Tailwind CSS, Bootstrap, ShadCN UI)

Backend(TypeScript, Node.js, Express.js, NestJS, PostgreSQL, TypeORM, Prisma)

Tools & Utilities(Git, DBeaver, Bruno API Client, NeoVim, Ubuntu)

AI Assistants(ChatGPT, Github co-pilot, Gemini, DeepSeek)