

Ikechukwu Mgbemele

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EDUCATION

FISK UNIVERSITY

01/2024 – 12/2027 | Nashville, TN

Bachelor of Science in Computer Science; GPA: 4.0/4.0

Relevant Coursework: Intro to Computer Science I & II, Web Development, Object-Oriented Programming, Calculus.

TECHNICAL SKILLS

Languages: Python (Highly Proficient), TypeScript (Highly Proficient), Java (Highly Proficient), HTML (Highly Proficient)

Developer Tools/Technologies: Git, GitHub, React.js, Next.js, Node.js, MongoDB, Postman, Redux-Toolkit, Visual Studio Code, CSS, Bootstrap 5, TailwindCSS, Heroku, ChakraUI

EXPERIENCE

FISK UNIVERSITY/GEORGIA TECH COLLABNEXT

02/2024 – present | Nashville, TN

Frontend Developer Intern (In-semester Part Time)

- Assist in the development of **CollabNext** web application utilizing the **JavaScript** Programming Language and **React.js**.
- Collaborate with team members using version control systems and project management tools such as **Git** and **Trello** to organize modifications and assign tasks.
- Convert parts of codebase to **reusable** components and make component state local to optimize performance.

GILAH GLOBAL LIMITED

10/2022 – 10/2023 | Lagos, Nigeria

Frontend Developer

- Developed **Web** Applications, Circo and Buytoken, utilizing **TypeScript** Programming Language, **Next.js** for the Frontend, **Node.js** for the Backend **APIs**, and **MongoDB** for the Database.
- Completed the entire development process for these Projects, including writing **docs**, achieving weekly milestones, going through code reviews, and **testing**.
- Designed and implemented reusable layouts for new and existing web pages using **Next.js**.

PROJECTS & PROGRAMS

2024 MetaScholars 4th Cohort | Team Lead

03/2024 – 05/2024

- Working on a team of 4 engineers researching and presenting about **Metaverse**, Artificial Intelligence, and Machine Learning in the **Metaverse**.
- Solved fundamental data Structure/algorithm prompts in a collaborative engineering environment

Storie | TypeScript, Next.js, Node.js, MongoDB, Heroku, GitHub

08/2023

- Developed an E-commerce store using **TypeScript**, **Next.js**, and **Node.js**.
- Implemented **Object-Oriented** programming concepts like inheritance and polymorphism for my Backend program.
- Utilized **Heroku** platform as a development environment to deploy, manage, and scale the web application.

TikTik | TypeScript, Next.js, TailwindCSS, Sanity io, GitHub

12/2022

- Developed a web application that allows users to post and watch video contents using **TypeScript**, **Next.js**, **TailwindCSS**, and **Sanity io**.
- Implemented a search functionality by fetching videos and accounts from the **API** using **TypeScript**.

ShareMe | JavaScript, React.js, TailwindCSS, Sanity io, GitHub

05/2022

- Created a Pinterest-like web application using **JavaScript**, **React.js**, **TailwindCSS**, and **Sanity io** to let users share pictures and memories.
- Users are able to login via OAuth login, create pin in different categories, save pin, download pin images, view pin in masonry layout, and view more pins as they scroll with unlimited pagination.

LEADERSHIP & ACTIVITIES

Fisk University Computer Science Club

01/2024 – present

- Network with computer science students for mock interviews and technical skill practice.

Carl Van Vechten Gallery

01/2024 – present

- Conducting tours and assisting tourists by providing academic guidance to incoming first-year students.

AWARDS

- Ella Sheperd Moore Provost Scholarship - **Full Tuition**

CERTIFICATIONS

- **Certification in Python Programming** by National Institute of Information Technology (NIIT) 
- **Diploma in Fullstack Web Development** by National Institute of Information Technology (NIIT) 