Ikechukwu Mgbemele

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 □ 1000 17th Ave N. Nashville 37208

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, Data Structures and Algorithm, Web Development, Object-Oriented Programming, Calculus.

TECHNICAL SKILLS

Languages: Python (Highly Proficient), TypeScript (Highly Proficient), Java (Highly Proficient), HTML (Highly Proficient)
Developer Tools/Technologies: React.js, Next.js, Node.js, Git, GitHub, SQL, MongoDB, TailwindCSS, Redux-Toolkit, Postman, Visual Studio Code, CSS, Bootstrap 5, Heroku, ChakraUI

EXPERIENCE

FISK UNIVERSITY-GEORGIA TECH COLLABNEXT

02/2024 - present | Nashville, TN

Frontend Developer Intern (In-semester Part Time, Full Time Summer 2024)

- Developed **CollabNext** web application, a tool that facilitates research interaction and collaborations between HBCUs and Georgia Tech, utilizing the **JavaScript** Programming Language and **React.js**.
- Converted parts of codebase to reusable components and made component state local to increase performance by 20%.
- Improved development efficiency by 30% by implementing hot reload in the React-Springboot application.

GILAH GLOBAL LIMITED

10/2022 - 10/2023 | Lagos, Nigeria

Fullstack Developer Intern

- Improved project efficiency by reducing video upload time by 25% and also making video upload asynchronous.
- Conducted in-depth development research resulting in the identification of 5+ key trends and insights that informed strategic decision-making processes.
- Completed the entire development process for my Capstone Project, including writing docs, achieving weekly milestones, going through
 code reviews, and testing.
- Collaborated with 4+ developers using version control systems and project management tools such as Git and Trello to organize
 modifications and assign tasks, fostering effective teamwork and project success.

PROJECTS & PROGRAMS

2024 MetaScholars 4th Cohort | Team Lead

03/2024 - 05/2024 | Atlanta, GA

- Worked on a team of 4 engineers solving fundamental Data Structure/Algorithm prompts in a collaborative engineering environment.
- Developed and presented an insurance business solution for the Metaverse at the Grand Finale (The Pitch).

CodePath Technical Interview Prep

05/2024 - 08/2024

- Learnt complex data structures like Trees, Linked Lists, Stacks, Queue, Arrays, and Graphs taught by professional silicon-valley engineers.
- Acquired classic algorithm knowledge like Recursion, Hashmaps, Combinations, Sort, Search, and Traversal.
- Had Mentorship and Info sessions from industry professionals and experienced engineers.

Circo | TypeScript, Next.js, Node.js, MongoDB, GitHub - LINK 🔗

07/2023

- Developed a **YouTube-like** web application using **TypeScript**, **Next.js**, and **Node.js**, where content creators can create videos, host live events, and earn.
- · Implemented Object-Oriented programming concepts like inheritance and polymorphism for my Backend program.
- Utilized AWS platform as a development environment to deploy, manage, and scale the web application.

BuyToken | TypeScript, Next.js, TailwindCSS, GitHub - LINK 🤌

11/2023

- Created a web application using TypeScript and Next.js that allows users to buy or borrow utilities such as electricity, cable subscription, airtime, and data.
- · Implemented a monthly budget functionality using charts and graphs which helps users manage their finances.

LEADERSHIP & ACTIVITIES

Fisk University Leadership Enrichment and Development Program

01/2024 - present

· Connect with Computer Science professionals for interview tips, resume workshops, and internships opportunities.

Carl Van Vechten Gallery

01/2024 – present

• Conducting tours and assisting tourists by providing research information about the gallery's exhibitions.

AWARDS

• Ella Sheperd Moore Provost Scholarship - Full Tuition

CERTIFICATIONS

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