

Ikechukwu Mgbemele

📞 (615) 349-5348 ✉ imgbemele@gmail.com [in linkedin.com/in/ikechukwu-mgbemele](https://www.linkedin.com/in/ikechukwu-mgbemele) github.com/Ikaay1
🔗 ikechi.vercel.app 📍 1000 17th Ave N. Nashville 37208

EDUCATION

FIISK 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

FIISK 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 Computer Science Club | Events Manager

04/2024 – present

- Network with Computer Science students and professionals for technical skill practice and internships opportunities.
- Spearhead workshops connecting technical companies to Computer Science students at Fisk University.

Fisk University Leadership Enrichment and Development Program

01/2024 – present

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

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](#) [🔗](#)