

Johnmicheal Elijah

michealelijah301@gmail.com | johnmicheal.vercel.app | linkedin.com/in/johnmicheal

EDUCATION

Covenant University

Bachelor of Engineering in Information and Communication Engineering

Nigeria

2018 — 2023

EXPERIENCE

Greynote Limited

FullStack Developer

Sept 2022 — Present

Lagos, Nigeria

- Tasked with delivering the Minimal Viable Product for an Ed-Tech Startup, spearheading the team in developing the company's fleet of products: Parent, School, Teacher and Admin platforms.
- Created an internal platform for the affiliate program for sales & marketing department, increasing signups by 30% using Python and Flask and a dashboard with React.js.
- Led the design and development the user friendly, responsive interface of the dashboards, as progressive web application with data visualization using TypeScript and Next.js with React.js
- Developed a robust back-end architecture, GraphQL API, and efficient database mapping system using Node.js, Express.js, Apollo GraphQL, Mikro-ORM, and PostgreSQL
- Launched and currently managing the backend server using Node.js, Redis and PM2 on a virtual server.

ScanTech/Isoplus Nigeria

Software Engineering Intern

Apr 2022 — Sept 2022

Lagos, Nigeria

- Configured and deployed a virtual private server on AWS Lightsail, resulting in a 50% reduction in server setup time compared to previous deployment methods
- Collaborated with a team of developers to build an online employee onboarding platform using TypeScript, Next.js, GraphQL, Node.js, Express, and PostgreSQL, which reduced the onboarding time by 50% and increased overall efficiency by 25%.

PROJECTS

Lecture Mate | *TypeScript, Next.js, Supabase, Figma*

- Collaborated with a Backend Developer to develop a Examination Preparation Tool for Students
- Worked on redesigning the frontend interface of the web application using Next.js with TypeScript and deploying on Vercel
- Reviewed the backend code and wrote a microservice for the chatbot

The ZCAMP Network | *TypeScript, Next.js, Web Sockets, GraphQL, PostgreSQL*

- Worked in a team of 2 on the development of a forum system for university students with subgroups.
- Led the frontend development using Next.js, TypeScript, and GraphQL, incorporating advanced features such as comment threads and moderation similar to Reddit.
- Developed a forum chat web application utilizing web sockets with socket.io and TypeScript to enable real-time communication between users, contributing to a seamless and engaging user experience.

TECHNICAL SKILLS

Languages: Typescript, Javascript, Python, C++, Java, HTML, CSS

Tools: Next.js, React.js, Node.js, Flask, Git, GraphQL, Docker, Dokku, PM2, Linux, AWS, SQL, MongoDB, PostgreSQL, Figma, TailwindCSS, Chakra-UI, WordPress, Framer

ACTIVITIES

3Line Hackathon | *TypeScript, Next.js, Figma, Python*

- Worked in a team of 3 to create an AI platform for payment processing, finishing as the 2nd Runner Up
- Designed the presentation slides and talk points for the hackathon
- Designed and built the web application dashboard using Next.js, TypeScript, and Axios with over 10,000 lines of code. Incorporated features such as financial data visualization, audio AI chat, loan rankings, and social banking functionality.