

Johnmicheal Elijah

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EDUCATION

Covenant University

Bachelor of Engineering in Information and Communication Engineering

Nigeria

2018 — 2023

EXPERIENCE

Greynote Limited

Lead Software Engineer

Sept 2022 — Present

Lagos, Nigeria

- Led the product and engineering team in the design and development of the company's software for Parents and Schools
- Created a platform for the affiliate program for sales & marketing department, increasing signups by 30%. Also developed the internal tool for assisting users and managing support tickets
- Promoted to Lead Software Engineer a year after the MVP launched, then led the redesign of the products converting it to a progressive web application (PWA), improving SEO rankings and creating an in-app notification system using TypeScript, Next.js with React.js
- Developed a robust backend architecture using Node.js and GraphQL, a scalable email server using AWS SES and an efficient database mapping system using Mikro-ORM, and PostgreSQL
- Responsible for screening and interviewing applicants that pass the resume review stage and further leading the Product and Engineering team

ScanTech Oil & Gas Limited, Nigeria

Software Engineering Intern

Apr 2022 — Sept 2022

Lagos, Nigeria

- Configured and managed the virtual private server from AWS Lightsail using tools like PM2, Nginx, NMAP
- Worked jointly with the engineering team to build an online employee onboarding platform using TypeScript, Next.js, GraphQL, Node.js, Express, and PostgreSQL, to reduce the onboarding time by 50% and increased overall efficiency by 25%.

PROJECTS

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

- Collaborated with a developer to develop an AI powered Examination Preparation Tool for Students
- Crafted the web application designs using Figma and implementing features like PDF file upload, user authentication, LLM chat sessions using Next.js with TypeScript
- Restructured the backend from a Linux private server and Pinecone DB to a serverless monolithic architecture using Supabase and Vercel

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.
- Interface was developed using Next.js, TypeScript, and GraphQL, incorporating advanced features such as comment threads and moderation similar to Reddit.
- Added a messaging web application utilizing web sockets with socket.io to enable real-time communication between users.

TECHNICAL SKILLS

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

Tools: Next.js, React.js, Node.js, GraphQL, Git, Docker, Linux, AWS, MySQL, MongoDB, PostgreSQL, TailwindCSS

ACTIVITIES

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

- Leading a team of 3 to create a fintech solution using Artificial Intelligence for payment processing, finishing in 3rd place
- Compiled and crafted the presentation slides and talk points for the hackathon
- Built the fintech web application dashboard using Next.js, TypeScript, and consuming REST API using Axios, showcasing features such as financial data visualization, audio AI chat, loan rankings, and social banking functionality.