CHIKA U. OSUAGWU

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🪪 PROFILE

Fullstack Developer with experience in creating and enhancing websites and applications that boost organizational performance. Always learning new technologies and trends. Looking for a role in a fast-growing organization where I can apply my skills to user-focused projects.

🧠 SKILLS

Programming Languages (JavaScript, React, Typescript, NodeJs, HTML, CSS) | **Database** (PostgreSQL)

Soft Skills (Troubleshooting, Teamwork, Problem-Solving, Communication)

💼 WORK EXPERIENCE

Full Stack Developer, *Algorizin Inc.* ⬈   Oct 2022 – present
                                                                                  New York, NY, USA
- Created Algorizin ⬈ , an app that connects students with experts for job applications
- Utilized NextJS with Typescript and PostgreSQL with TypeORM for data storage
- Created mechanisms to send automated emails using AWS SES by performing CRUD operations using REST APIs in the backend
- Collaborated with a globally distributed team of developers, product owners, and UI/UX designers following the Agile Scrum methodology
- Designed advanced authorization features using Express, JSON Web Token & Postman
- Created API to allow users to move job application cards through a Kanban board which resulted in 20% more efficient job tracking and application process
- Created the frontend with reusable React components and used Hooks for state management
- Built an automated notification system with both email and push notifications for event-handling in the web app
- Enhanced the UI designs of various pages to enable seamless user interaction using TailwindCSS

Technical Intern, *Spectrum Broadcasting Corporation* ⬈   Jul 2016 – Nov 2016
                                                                                  Owerri, Nigeria
- Ensured smooth radio broadcast by conducting control checks and troubleshooting for equipment and transmitter output
- Troubleshot malfunctioning speakers, consoles, and amplifiers utilizing logical reasoning and knowledge of electronics; ensured 100% clear transmission

📁 PROJECTS

Responsive Restaurant Website ⬈
- Built a UI/UX responsive restaurant website; utilized ReactJS framework, bootstrap, and CSS
- Increased user satisfaction by 50% by providing a sort selection system of the menu by popularity and by price

Smart Waste Management
- Designed and implemented a smart dustbin with automatic lid and garbage level sensing for better waste management
- Deployed ultrasonic sensors (HC-SR04) at all sides of the dustbin to detect an approaching person and transmit impulses to a microcontroller
- Programmed PIC16F877A microcontroller (using C++) to control an electric motor that opens and closes the lid

🎓 EDUCATION

Master of Science, Electrical Engineering EE, *Syracuse University*   Jan 2021 – Dec 2022
- **Excelled in courses:** Digital Communications, Functional Method/Linear Analysis   Syracuse, NY, USA