

DANIEL UKOHA

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EDUCATION

Federal University of Technology Minna, B.Eng Computer Engineering [March. 2019 - February. 2025]

WORK EXPERIENCE

Student League Member

Microsoft ADC

[Mar 2023 - Present] Lagos, Nigeria.

- **Successfully managed a team of 4** in developing Medlink, a web application that **reduces the time for patients to access medical services** by **60%** with AI-based suggestive diagnosis and real-time doctor appointment scheduling.
- Designed and implemented a highly scalable and efficient backend architecture, database models, and APIs consumed by the client side.
- Designed and implemented an **algorithm** to effectively get a doctor's availability schedule in **different timezones** and book an appointment.
- Collaborated with other league members to ship an MVP that applied data structures and algorithms concepts to **improve the student registration system** at my University.
- Participated in pair programming sessions, data structures and algorithms learning cycles, and web and API development learning using Python, TypeScript, and C#.
- Published articles on Hashnode to share insights on **Object Oriented Programming in C#, Databases, Web services & APIs**, and **Software Testing**.
- Utilized the following technologies: C#, JavaScript, TypeScript, Azure AI Health Bot, NodeJs, NestJs, NextJs, MySQL, and PostgreSQL.

Software Engineer

Creative Start[Contract]

[Dec 2022- Mar 2023] Lagos, Nigeria.

- Developed, and shipped production code for the **company's first-ever website** which led to the **first 5 clients** for the company.
- Designed and implemented the API business logic and flexible database models. Integrated **Cloudinary** for image uploads and **Nodemailer** for automated user communications and notifications between clients and staff.
- Performed **quality assurance tests** on the company's website to ensure cross-browser compatibility and mobile responsiveness. Wrote **unit tests, integration tests**, and **end-to-end tests** to verify the website's performance and reliability.
- Utilized the following technologies: JavaScript, Cloudinary, Nodemailer, and NextJs.

Front End Developer

Celedom

[Sept 2022- Dec 2022] New York, US.

- Developed the company's new project and enabled **website localization in 30+ languages** using React and i18next.
- Collaborated with designers, project managers, and other engineers to transform creative concepts into production realities using agile methodologies.
- Performed code reviews and provided feedback to colleagues to ensure coding standards and best practices using Git and GitHub resulting in **increased team efficiency** and shortened project development time by **more than 40%**.
- Utilized the following technologies: JavaScript, ReactJs, Next.js, and i18next.

SELECTED PROJECTS

Finelines | TypeScript, TailwindCSS, Chakra UI, NextJs, MongoDB, NextAuth, Azure Blob storage

- Designed and developed a web application with a curated collection of conversation starters and pickup lines, to **foster a genuine connection** with an acquaintance or a good laugh with your loved ones.
- Integrated NextAuth for robust **user authentication** and effective data handling, ensuring a secure and seamless user experience.
- Developed an **image export function** to effectively generate images from texts using **Pureimage**, then upload the images as a blob to **Azure blob storage** and download images as either **JPG** or **PNG**.

HelpMeOut | HTML, CSS, JavaScript, Chrome Browser API, RecordRTC

- Designed and developed a **Chrome Browser Extension** that records users' Audio and Screen using **RecordRTC**.
- Implemented a **pause, resume**, and **stop** recording feature. The recording is made available locally when the user stops the recording.
- Tested and debugged the extension using the Chrome DevTools.

RELEVANT COURSEWORK

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|-------------------------------|--|---------------------------|
| • Software Engineering I & II | • Data Structure and Algorithm | • Operating Systems |
| • Database Management System | • Artificial Intelligence and Applications | • Robotics and Automation |

SKILLS/TECHNOLOGIES

Proficient: Python, JavaScript, CSS, Typescript, NodeJs, ReactJS, MongoDB, PostgreSQL, MySQL, PowerShell, Shell Script

Familiar: C#, C++, Java

Tools & Platform: Azure, AWS, Vercel, GitHub Actions