**WAHEED SODIQ A.**

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Frontend Engineer with strong expertise in **Next.js**, **TypeScript**, and **modern microservice architectures**. Proven track record of building scalable web applications, dynamic dashboards, and immersive 3D user experiences. Experienced in collaborating across design, backend, and mobile teams to deliver high-quality products. Passionate about crafting accessible, high-performance interfaces and constantly expanding technical depth in both frontend and backend systems

**WORK EXPERIENCE**

**Frontend Engineer**

*PMCRG, Pervasive Mobile Computing Laboratory Osun State, Nigeria*  *June 2024 – Present*

* Collaborated with designers to build **LINKAGES**, an inter-university data-sharing platform using React.js, TypeScript, and TailwindCSS.
* Developed accessible UI components, improving user accessibility by 30%.
* Integrated APIs to fetch and display dynamic data within the application, ensuring smooth real-time updates.
* Implemented file upload functionality, storing and managing user-uploaded PDF documents in Firebase Storage.
* Built an interactive admin dashboard using Chart.js to visualize platform usage and enhance accessibility for administrators.

**Full stack Engineer**  *feb 2023-Aug 2024*

VenWorld Global, Lagos, Nigeria.

* Built a feature-rich web app with Next.js and Three.js, adding immersive 3D elements
* Integrated RESTful APIs with frontend and mobile teams to ensure seamless module communication.
* Implemented cutting-edge frontend technologies, to create a visually captivating and exceptionally functional dashboard. This initiative garnered favorable user feedback and introduced immersive 3D elements to the website
* I oversee the recent virtual cohort program for frontend candidates, including project assignments and the grading system

**Frontend Engineer**

SIWES : OAU ICT, ile-ife, Nigeria

* I worked closely with teams to create a scalable hostel management system, utilizing a JavaScript MVC framework, Reactjs
* Collaborated with cross-functional teams to design and implement a dynamic dashboard, catering to specific user needs and preferences.
* Worked together with the design team to revamp the user interface, leading to increased user engagement.

**EXTRACURRICULAR ACTIVITIES**

**Volunteer/school role**

Institute of Electric and Electronic Engineers (IEEE), OAU Student Chapter.

* Participated in annual IEEExtreme and worked alongside colleagues to establish the competition venue, ensuring a smooth and conducive environment for participants.

**Publicity Committee** *2021*

HultPrize OAU

* Collaborated with colleagues to establish and nurture positive relationships with the public, while also creating compelling and informative content for the event.
* Teamed with colleagues to maintain uniformity in messaging and branding across various communication channels, aiming to establish a robust and cohesive brand identity

**EDUCATION**

**OBAFEMI AWOLOWO UNIVERSITY** *2019-2025*

* Bsc. Computer Engineering

**AWARDS AND CERTIFICATIONS**

* CHEVRON UNDERGRADUATE SCHOLAR
* Upkey Management Intern Certification 2021

**SKILLS, TOOLS AND INTERESTS**

* Programming Languages : C++, Javascript, Typescript and Python.
* Frameworks : Reactjs,, Nodejs, Threejs, webGL

**HOBBIES**

* Learning Languages : Arabic , French.