IJEH EKENE

Junior Computer Engineer | Computer Hardware & Software

ijehekene404@gmail.com • https://www.linkedin.com/in/ijeh06/ • Lagos Nigeria

Summary

I'm **Ijeh Ekene**, a **Computer Engineer, Frontend Developer, and UI Designer** passionate about merging **hardware and software** to build seamless digital experiences. With expertise in **React.js, Next.js, and UI/UX design**, I create **interactive dashboards, student management systems, and innovative web solutions** that make an impact.

Experience

Sigmasoft Limited
Gbagada, Lagos

Frontend Developer/ UI-Designer
05/2024 - 07/2024

Software development

- **Building Scalable Websites** – Developed high-performance websites that attract and engage users..
- **Solving Complex Problems** – Debugging and fixing critical issues that improve software stability and reliability.
- **Collaboration & Networking** – Working with talented designers, developers, and product managers, building industry connections.
- **Advancing Career Growth** – Getting promoted, leading a team, or transitioning into a senior developer or tech lead role.
- **Deploying a Major Feature** – Creating and implementing a critical feature that enhances functionality or user experience.

Hardware Solutions
Location

Electronics Enthusiast & Hardware Innovator
Date period

hardware-software integration

- **Circuit Prototyping & Design**
  Worked with **breadboards** to design and test electronic circuits before final assembly.
  Connected and arranged **resistors, capacitors, and other components** for circuit functionality.
- **Multimeter Testing & Troubleshooting**
  Used **multimeters** to measure voltage, current, and resistance in electronic circuits.
  Diagnosed faulty components by testing circuit continuity and detecting electrical faults.
- **Wire & Cable Management**
  Experienced in handling **wire and cable connections**, ensuring secure and efficient power and signal transmission.
  Diagnosed and fixed **loose connections and short circuits** in hardware setups.

Education

Yaba College Of Technology (yabatech)

Computer Engineering
05/2022 - Present

Key Achievements

Building a Strong Personal Portfolio

Passionate about **web development, authentication systems, and interactive dashboards**.

Continuously learning, improving, and bringing innovative tech ideas to life.

Currently studying **Computer Engineering at Yaba College of Technology** to deepen my technical expertise.

Gaining insights from industry mentors like **Mr. Shola (@thesolamipe on Instagram)**.

This is just the beginning—I am on a mission to build **impactful, innovative, and scalable web solutions** in the tech industry!

Skills

Frontend Development · React.js · Next.js · JavaScript (ES6+) · HTML · CSS ·   Hardware and Computer Engineering · Microcontrollers and Embedded Systems · Circuit Design and Troubleshooting · Computer Hardware Maintenance · Networking Basics · UI/UX Design · Figma · User Experience (UX) Optimization

Projects

Software & Web Development

Lagos, Nigeria
2025

Student Management System – Built with **React.js** and **Clerk authentication**, featuring **dashboards for students, teachers, parents, and admins**, with **notifications and attendance tracking**.

🔗 <u>Live Demo</u>
Result Management System – Developed using **Next.js & Tailwind CSS**, offering **admin and teacher dashboards** with **report card downloads**.

Portfolio Website – Showcases **frontend development skills** with **Next.js, UI/UX design**, and a **seamless user experience**.

Let me know if you'd like further refinements!

- **User-Friendly Student Management System** – Designed a seamless **dashboard experience** for students, teachers, parents, and admins, improving school operations.

  Efficient Result Management System – Enabled **easy report card generation** and streamlined academic tracking using **Next.js & Tailwind CSS**.

  Portfolio Website – Built a **clean and engaging personal brand** showcasing your web development and UI/UX expertise.

Hardware & Electronics

Lagos, Nigeria
2024

- **Circuit Prototyping & Troubleshooting** *(Breadboard circuits, resistor configurations, multimeter diagnostics)*

- **Circuit Prototyping & Troubleshooting** – Gained hands-on experience with **breadboards, resistors, and multimeters**, ensuring **accurate and functional electronic setups**.

  Embedded Systems & IoT – Developed foundational skills in **hardware-software integration**, a key step toward **smart tech solutions**.