

# Ridwan Adesina Yahya

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## Education

### University of Ilorin

October 2023

Bachelor of Engineering in Computer Engineering (GPA: 4.38 / 5.00)

Ilorin, Kwara

- **Relevant Coursework:** Introduction to VHDL, Embedded Systems Design, Control Systems and Automation, Computer Architecture, Software Development Principles and Software Engineering

<https://www.unilorin.edu.ng/>

## Experience

### Ihifx Innovation Hub

Nov 2023 – Present

Frontend Engineer and Coding Instructor

Kaduna, Nigeria

- Developed responsive user interfaces for web applications using React, Redux, and Tailwind CSS, ensuring cross-browser compatibility and a seamless user experience.
- Optimized application performance by implementing efficient state management techniques and lazy loading for better scalability.
- Collaborated with back-end developers to integrate RESTful APIs, ensuring data integrity and smooth communication between client and server.
- Conducted code reviews, implemented testing strategies with tools like Jest, and maintained project documentation for consistent delivery.
- Trained and mentored young individuals in technical skills, guiding them to excel at hackathons, securing both first and second positions.

### MUSTECH Labs

April 2022 – April 2023

Embedded Systems Intern

Ilorin, Kwara

- Coded software updates to add new features, close security holes and resolve defects.
- Collaborated across technical and design teams to produce innovative software applications.
- Designed and developed an automatic fire alarm system in collaboration with co-workers
- Applied Arduino software to integrate hardware and software components.

### FEMTECH Training Institute

May 2019 – Jan 2020

Junior Software Developer

Ilorin, Kwara

- Participating in code reviews to improve code quality and learn best practices
- Learning new programming languages, frameworks, and tools relevant to the project.
- Contributing to documentation such as technical specifications and user manuals.

## Projects

### Ubefu | HTML, CSS, Tailwind, JavaScript, TypeScript, React, Redux, Node

- Developed a tutor dashboard for the tutors and connected it's endpoint
- Built a CI/CD pipeline using Jenkins and Docker, reducing deployment time by 40% and ensuring consistent and reliable releases.
- Worked on all the authentication pages and connected all the endpoints.
- Built the landing dashboard for the students, admin and the tutor and ensured responsiveness

### ACME Dashboard | Next.js, React, Tailwind CSS, Node.js, MongoDB, Redux Toolkit

- Developed a modern retailer platform for managing customer invoices, sales insights, and essential business metrics.
- Implemented an intuitive and responsive interface using **Next.js** and **Tailwind CSS** to enhance user experience.
- Built a secure authentication system using **JWT (JSON Web Tokens)** for managing user sessions.
- Integrated RESTful APIs for seamless communication between the frontend and backend, ensuring smooth data flow.
- Leveraged **Redux Toolkit** for state management, optimizing data handling across the application.

- Deployed the platform to **Vercel** for efficient and scalable hosting.
- Utilized **MongoDB** as the primary database for storing and querying customer and sales data.

#### **BCA-Healthcare Demo** | *React, Next.js, Tailwind CSS, Node.js, MongoDB, Redux Toolkit*

- Developed a comprehensive healthcare platform to streamline **patient management, appointment scheduling, and medical record tracking**.
- Designed user-friendly interfaces and efficient workflows tailored for healthcare providers and patients.
- Implemented secure authentication and role-based access control using **JWT (JSON Web Tokens)** to manage user sessions.
- Integrated RESTful APIs for seamless interaction between the frontend and backend, ensuring reliable data synchronization.
- Utilized **Redux Toolkit** for efficient state management, optimizing application performance.
- Deployed the platform using **Vercel** to ensure scalability and minimal downtime.
- Leveraged **MongoDB** as the database to store and manage patient and appointment data securely.

## Technical Skills

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**Languages:** HTML, CSS, JavaScript, TypeScript, C, C++, Python

**Technologies:** React.js, Redux, Vercel, Git, GitHub

**Concepts:** Compiler, Operating System, Virtual Memory, Cache Memory, Encryption, Decryption, Artificial Intelligence, Machine Learning, Neural Networks, API, Database Normalization, Agile Methodology, Cloud Computing

## Certifications

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- FrontEnd Development Libraries Certificaton (FreeCodeCamp)
- JavaScript Algorithm and Data Structures Certification (FreeCodeCamp)
- Responsive Web Design Certification (FreeCodeCamp)
- Linux Unhatched Certification (Cisco Academy)
- Introduction to IoT (Cisco Academy)
- JavaScript Essentials Certification (Cisco Academy)