

ADEMOLA ABDULKAREEM

[LinkedIn](#) | 08147486541 | dr.white004@gmail.com | [Portfolio](#) | [GitHub](#)

Education

Introduction to Computer Science (CS50x) [online] Main Courses: Linux, C, JavaScript, Python, Data Structures, HTML, CSS, SQL, Frontend and Backend technologies	Harvard University September 2023
CS50's Web Programming with Python and JavaScript [online] Main Courses: JavaScript, Python, Django, HTML, CSS, Docker, cloud	Harvard University June 2024
Cloud Engineering Main Courses: Basics of Technology, Basic Frontend, Linux, Shell scripting, DevOps, Cloud technologies, and platforms	Alt-school Africa April 2023
Veterinary medicine [DVM]	University of Ilorin July 2023

Experience

Full-Stack Developer Education Tracker App	April 2024 – Present
<ul style="list-style-type: none">➤ Developed a comprehensive Education Tracker app to manage educational progress and let users explore new books based on recommendation.➤ Key Responsibilities:<ul style="list-style-type: none">Frontend Development: Built a responsive and user-friendly interface using React, ensuring seamless navigation and an engaging user experience.Backend Development: Implemented server-side logic and RESTful APIs using Django, enabling efficient data management and integration with the frontend.Authentication and Security: Utilized Simple JWT for secure user authentication and authorization.Deployment and Maintenance: Deployed the application on AWS, managing EC2 instances, and integrated S3 for storage solutions. Ensured data security with SSL certificates.Impact: Improved the tracking and management of educational resources, resulting in enhanced user engagement and better data accuracy.	
Educative Camp	May 2022 – June 2022
<ul style="list-style-type: none">Conducted hands-on sessions to teach students basic web design principles.Covered essential topics like HTML, CSS, and JavaScript to build foundational skills in web development.Mentored students through practical exercises and project-based learning, fostering a deep understanding of web technologies.	

Projects

Education Tracker <i>Simple-JWT, Django-rest-framework, React, Tailwind-CSS, Aws, Git</i>	April 2024 – Present
<ul style="list-style-type: none">Developed a full-stack web application using with Django serving a REST API with React as the frontendImplemented simple-JWT authentication to ensure user's data security ssSuccessfully launched the app on AWS with secure data handling via SSL certificates.	
CS50W Projects <i>Django, JavaScript, Html, CSS, Git</i>	December 2023 – June 2024
<ul style="list-style-type: none">Completed diverse projects to demonstrate proficiency in web developmentBuilt and deployed complex web applications, including an e-commerce site and a social-media platform . Utilized platforms like vercel and python-anywhere for quick deployment	
Infrastructure Setup with Terraform <i>Infrastructure Setup with Terraform</i>	March 2023
<ul style="list-style-type: none">Orchestrated infrastructure as code using Terraform to set up a scalable and secure environment.Configured a reliable multi-server setup with load balancing and SSL security.Automated infrastructure management, enhancing deployment efficiency and reducing manual effort.	
The Odin Project Final Projects <i>JavaScript, Html, CSS, Git</i>	May 2022 – March 2023
<ul style="list-style-type: none">Developed interactive web applications as part of The Odin Project's curriculum.Created a working calculator and a Tic-Tac-Toe game, demonstrating a solid grasp of front-end development.Built a responsive webpage, showcasing proficiency in web design and user interface development.	

Technical Skills

Languages: Python, C, SQL (SQLite), JavaScript, HTML/CSS,
Frameworks: React, Django, Tailwind-CSS, Django-rest-framework, Bootstrap,
Developer Tools: Git, Docker, Linux, Terraform, AWS, VS Code, nginx,