

ADEMOLA ABDULKAREEM

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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.	
Web Development Intern CodSoft.	September 2024 – October 2024
<ul style="list-style-type: none">➤ Participated in a virtual internship focused on learning and hands-on projects in web development.➤ Key Responsibilities:<ul style="list-style-type: none">• Developing a job board website allowing employers to post job openings and job seekers to search and apply for jobs using React, Django, and PostgreSQL.• Created an online quiz maker platform enabling users to create and take quizzes, complete with user authentication and responsive design.	

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 frontend▪ Implemented simple-JWT authentication to ensure user's data security ss▪ Successfully 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 development• Built 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	
AltSchool Capstone Project <i>Infrastructure Setup with Terraform.</i>	March 2023
<ul style="list-style-type: none">• Collaborated in a team of 7 to deploy and maintain a fully functional web application using cloud platforms.• Automated infrastructure setup with Terraform, ensuring scalability, security, and efficient multi-server configurations.• Managed continuous integration and deployment processes, optimizing performance and improving reliability	

The Odin Project Final Projects| *JavaScript, Html, CSS, Git.*

May 2022 – March 2023

- 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,