

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

- Developed a comprehensive Education Tracker app to manage educational progress and let users explore new books based on recommendation.
- Key Responsibilities:
 - 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

- Participated in a virtual internship focused on learning and hands-on projects in web development.
- Key Responsibilities:
 - Developed a personal portfolio using HTML, CSS, and JavaScript, highlighting key skills, projects, and a responsive design.
 - Created a landing page and a functional calculator using JavaScript for user interaction and calculations

Educative Camp May 2022 – June 2022

- 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 | Simple-JWT, Django-rest-framework, React, Tailwind-CSS, Aws, Git. April 2024 – Present

- 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 | Django, JavaScript, Html, CSS, Git. December 2023 – June 2024

- 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| Infrastructure Setup with Terraform. March 2023

- 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,