OHALE AHAMBA

Fullstack Software Engineer

Port Harcourt | ahamba-ohale.github.io/My-Portfolio/

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Dynamic and results-driven Full-Stack Software Engineer with over three years of hands-on experience in designing, developing, and deploying robust web applications and scalable software solutions. Adept at leveraging a diverse skill set encompassing front-end and back-end technologies to drive innovation and deliver exceptional user experiences. Proficient in agile methodologies, collaboration, and problem-solving, with a proven track record of successfully completing projects on time and within budget. Passionate about staying abreast of emerging technologies and continuously enhancing skills to stay ahead in a rapidly evolving industry. Seeking to leverage expertise in full-stack development to contribute to cutting-edge projects and drive organizational growth.

DETAILED SKILL-SET

1. **Front-End Development**: Developed responsive and intuitive user interfaces using React.js as a modern front-end framework. Implemented best practices in HTML5, CSS3, and JavaScript to create engaging and interactive web applications.

2. **Back-End Development**: Designed and implemented RESTful APIs and microservices using Node.js, Express.js, and other backend frameworks like PHP and Laravel. Built scalable and efficient server-side logic, database schemas, and data models using technologies like MongoDB, and MySQL.

3. **Full-Stack Integration**: Integrated front-end and back-end systems seamlessly to ensure smooth communication and data flow between client and server layers. Implemented authentication, authorization, and session management features to enhance security and user privacy.

4. **Agile Development Methodologies**: Worked in agile development environments, participating in daily stand-ups, sprint planning, and retrospective meetings. Collaborated closely with cross-functional teams including product managers, designers, and QA engineers to deliver high-quality software solutions iteratively.

5. **Version Control and Deployment**: Utilized Git and GitHub for version control and collaborated effectively with team members on code reviews and feature branches. Implemented continuous integration (CI) and continuous deployment (CD) pipelines using tools like Jenkins, Postman etc. to automate testing and deployment processes.

6. **Performance Optimization**: Identified performance bottlenecks and optimized application performance through code refactoring, caching strategies, and performance profiling. Conducted load testing and stress testing to ensure application scalability and reliability under heavy loads.

7. **Technical Leadership**: Mentored junior developers and conducted knowledge-sharing sessions to foster a culture of learning and growth within the team. Provided technical guidance and support to colleagues, contributing to the overall improvement of team productivity and efficiency.

EXPERIENCE & PROJECTS

WEB DEVELOPER INTERN

MyTeacher Tech Institute | Port Harcourt

2021-2022

Responsibilities:
- Assisted in the development and maintenance of the institute's website using HTML, CSS, and JavaScript.
- Collaborated with senior developers to implement new features and functionalities on the website.
- Conducted regular testing and debugging to ensure the website's performance and functionality.
- Participated in team meetings to discuss project progress and brainstorm solutions to technical challenges.
- Assisted in the integration of third-party APIs and plugins to enhance the website's functionality.
- Contributed to the optimization of the website for performance and user experience.
- Learned and applied best practices in web development under the guidance of senior developers.

Achievements:
- Successfully implemented responsive design principles to ensure the website is accessible across various devices and screen sizes.
- Played a key role in the implementation of a new registration system, improving user registration and management processes.
- Received positive feedback from senior developers for quickly learning new technologies and adapting to the development environment.
- Actively participated in team discussions and provided valuable insights for improving project efficiency and workflow.

WORKOUT TRACKER APP

Freelance Project

2023-COMPLETED

- Developed a full-stack workout tracking application using React, Node.js, and MongoDB.
- Implemented user authentication using JSON Web Tokens (JWT) and local storage.
- Created custom hooks for handling user login, signup, and logout.
- Designed a responsive user interface using Bootstrap.
- Utilized Axios for making HTTP requests to the server.
- Managed the application's state using the Context API and the useReducer hook.
- Wrote unit tests for the application's components and hooks using and React Testing Library.

DOCTOR TELEMEDICINE APP

Freelance Project

2023-date

- Developed a full-stack workout tracking application using React and Node.js.
- Implemented user authentication using JSON Web Tokens (JWT) and local storage.
- Created custom hooks for handling user login, signup, and logout.
- Designed a responsive user interface using Tailwind.
- Utilized Axios for making HTTP requests to the server.
- Wrote unit tests for the application's components and hooks using Jest and React Testing Library.

HOSPITAL MANAGEMENT SYSTEM

Freelance Saas Project
2024 – till date

- Developed a full-stack hospital management system using the MERN stack (MongoDB, Express, React, Node.js) and deployed it as a SaaS application.
- Implemented user authentication and authorization using JSON Web Tokens (JWT) and local storage.
- Created custom hooks for handling user login, signup, and logout.
- Designed a user-friendly interface for managing patients, doctors, appointments, and medical records.
- Utilized Axios for making HTTP requests to the server.
- Managed the application's state using the Context API and the useReducer hook.
- Writing unit tests for the application's components and hooks using React Testing Library.
- Implementing a microservices architecture using Docker for scalability and reliability.

E-COMMERCE FRONTEND DESIGN

Personal Practice
2022

- Developed a static e-commerce website for watches using HTML, CSS, and JavaScript.
- Designed a user-friendly interface for browsing watches, adding watches to the cart, and checking out.
- Utilized local storage to persist the user's cart and session.

EDUCATION

FRONTEND CERTIFICATION

MyTeacher Institute

March 2021

MERN STACK AND PHP/LARAVEL CERTIFICATION

MyTeacher Institute

August 2021

TECH SKILLS

Programming Languages

- HTML,
- CSS,
- Javascript,
- Php,
- React Native
- Node Js

Frameworks

- React,
- Laravel,
- Express Js,
- Tailwind,

Databases

- MongoDB,
- MySQL

Tools/Technologies

- Git/Github,
- Postman,
- Docker,
- React Testing Library,
- Selenium WebDriver,
- Jest,
- Mongoose Mocks,
- Insomnia

- Bootstrap,
- Jenkins
- RESTful APIs

SKILLS

Soft Skills
- Effective Communication
- Problem Solving
- Team Work
- Time Management
- Leadership
- Adaptability

Professional Development Skills
- Continuous learning
- Networking skill

Language Skills
- English Language
- German (Deutsch) Language
- French Language