

MAHMUD ABDUL GAFAR

Software Engineer
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SUMMARY

I'm an engineer passionate about creating high-performance, accessible web experiences. I build quality, user-friendly, and scalable web products using technologies like JavaScript, React.js, Tailwind CSS, and TypeScript. I also develop WordPress and Squarespace websites for e-commerce platforms, leveraging efficient plugins and strong SEO practices to enhance visibility and performance.

WORK EXPERIENCE

* 2024 – till date

- [School Management Web Application – Soutech Ventures Lagos, Ikeja](#)
- Worked with a small team to build a web app for managing school activities, aimed at reducing the amount of manual paperwork teachers and admin staff had to deal with.
- Helped create key features like student registration, attendance tracking, result management, and user profiles for teachers, students, and parents.
- We noticed schools often struggled to keep records organized, so we built a system where data could be stored securely and easily updated instead of relying on physical files or spreadsheets.
- Implemented user authentication and role-based access, making sure everyone only saw what was relevant to them — for example, teachers could manage classes, while students only viewed their own results.
- Focused on building a simple and responsive interface using React, so users could access the system smoothly on phones or computers.
- Worked closely with others to test and fix bugs, improving performance and making the platform more reliable for daily school operations.

* April 2022 – June 2023

[Office Management App - Nalot Multisystems Limited, Abuja](#)

- Actively contributed in building a platform for office operations e.g: attendance clock in system.
- Assisted in implementing staff user authentication, providing role-based access to internal company data, with functionality for users to view, manage, and update their profiles and related information.

- Accurately arranged, store and utilize company data for efficient usage and keeping up with project description.
- Efficiently organise, stored, and utilized company data to support streamlined operations and ensure alignment with project requirements.

* August 2023 – November 2025

Food Delivery App (Food Mine) , Abuja

- Created an end-to-end web solution for a food delivery startup using React, Node.js.
- Contributed by efficiently building a Cart page with the use of React hook
- e.g. useCart, and a couple of other hooks, here selected items can be stored and accessible by users to select options.
- Managed both front end and basic back end tasks, boosting page load speed.

* April 2021 – April 2024

Digital Economy Learning Centre with NITDA - National Information Technology Development Agency, Nigeria

- Provided Internet Access for various Learning Centres Across the nation with KU Band: 3mbps Download Speed, 2mbps Upload Speed, 400gb
- Installed SASS E learning material on a local Server connected to every system in each learning Centre for Students to guide their learning activities and for Teachers to improve teaching experience.
- Installed Computers and Idea hub from HUAWEI for e learning Centres across the Nation.
- Provided Digital Tutorial Classes for the centres across the Nation.

* September 2023 – December 2025

Website Development for a Construction Company at Nalot Multisystems Limited, Nigeria

- Developed and deployed a responsive website for a construction company using WordPress and PHP, enhancing online visibility and accessibility across devices.
- Customized theme and plug in while also using PHP to meet specific business requirements such as service listings, contact forms, and project showcases.
- Integrated Dynamic pages e.g., blog, portfolio, testimonials) to highlight completed projects and drive client engagement.
- Optimize website performance and SEO, improving page load speeds and boosting search engine rankings.
- Implemented secured contact form sections with form validation and spam protection, increasing lead generation effectiveness.
- Configured Hosting and Domain Management ensuring uptime, data backups, and SSL certificate installation for secure user experience.
- Used PHP for backend customization, including dynamic page templates, custom post types, and admin panel enhancements.

- maintained and updated the website post-launch, providing ongoing technical support and implementing new features based on client feedback.

Password Validation - Freelance Project

- Implemented custom Password logic using JavaScript to enforce security standards such as minimum length, use of uppercase/lowercase letters, numbers, and special characters.
- Built a Password Verification system in a React application using hooks, conditional rendering, and regular expressions to ensure strong and secure user input during registration.
- Utilized React hook form to implement real-time password validation with error handling and live feedback on password strength.

SKILLS

- ★ Office 365
- ★ JavaScript
- ★ Presentation
- ★ HTML
- ★ React Js
- ★ TypeScript
- ★ CSS, Bootstrap
- ★ WordPress, Elementor Design

EDUCATION

* May 2015 – September 2019

Kwara State University.

Bsc. Computer Science

Graduated with Honors From the Department of Computer and Information Science in 2019

* January 2025 – till Date

Havard University - CS50, Associate Programme

Professional Certificate / edX / HavardX

Completed foundational coursework in Computer science, covering algorithms, data structures, SQL, HTML/CSS, and web development principles.

Gained hands-on experience through problem sets and projects focused on computational thinking and real-world programming.

Developed and deployed a final project demonstrating core programming concepts and Front- End development skills.

- August 2025 Udemy Certification.
The ultimate TypeScript course

- October 2025
Udemy certification
Full React Js Course with Redux hook and Context.

HOBBIES

- Football
- Basketball
- Board Games
- Sky Diving