**David Ukonu**

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# EDUCATION

Edge Hill University Ormskirk, United Kingdom

*Data Science and Artificial Intelligence* 2024

University of Abuja Abuja, Nigeria

*B.Sc Mathematics*  2022

# PROFESSIONAL SUMMARY

I am a software artisan boasting over 7 years of experience, I have thrived in dynamic environments, collaborating seamlessly with startups and corporations. My expertise lies in creating scalable solutions with proficiency in PHP, JavaScript, Dart, and Python, coupled with expertise in captivating frameworks such as Laravel, Flutter, Nodejs, VueJs, NextJs, and ReactJs. I use FIGMA for seamless design-to-application transformation. Database-wise, I've worked with MySQL, PostgreSQL, MongoDB, SQL Server, and Redis, refining my data management skills. In the digital symphony, AWS, Firebase, Appwrite, Docker, and Git are my trusted companions. Beyond coding, I'm also skilled in automating tasks, fostering teamwork, and weaving effective communication. I am eager to contribute to the Global tech narrative, my journey unfolds with a promise of challenges, rewards, and relentless innovation.

# WORK EXPERIENCE

**Ministry of Aviation (Contract Role)**

***Backend Developer*** November 2024 – February 2025

* Designed and developed a custom Content Management System (CMS) using Laravel, tailored to meet internal communication and publishing needs.
* Built a user-friendly admin dashboard enabling non-technical staff to manage page content, documents, and media assets.
* Implemented role-based access, content approval workflows, and multilingual support to align with ministry standards.
* Worked alongside the UI/UX team to translate Figma mockups into accessible and responsive admin panels.
* Provided training and documentation to ensure smooth handover and internal adoption of the CMS.

**Technology Stack:**Backend: PHP/Laravel; CMS Features: Role Access, Multilingual Support; Design: Figma

[**AccessCare**](https://www.sfhaccess.com/)

***Mobile Developer (Remote)*** June 2024 – December 2024

* Engineered a healthcare mobile platform to facilitate doctor-patient interactions through video/voice calls and real-time messaging.
* Integrated booking workflows for medical appointments and built modules to support lab referrals and pharmacy recommendations.
* Leveraged Flutter to build cross-platform apps with seamless navigation and accessibility compliance.
* Utilized Firebase for push notifications, real-time chat, and cloud storage of medical interactions.
* Utilized Zego cloud for video and voice chat between patients and doctors.
* Worked closely with designers in Figma to deliver user-friendly and visually appealing mobile interfaces for patients and doctors.

**Technology Stack:**Mobile: Flutter; Backend Services: Firebase (Realtime DB, Auth, Cloud Functions), Zego cloud; Design: Figma

**Vensemart**

*Full Stack Developer (Remote)* April 2024 – July 2024

* Developed and maintained both rider and customer mobile applications using Flutter, ensuring smooth and responsive user experiences across platforms.
* Built scalable backend APIs using PHP/Laravel, enabling efficient order processing, rider assignment, and delivery tracking.
* Integrated Firebase for real-time notifications, user authentication, and analytics monitoring to enhance app performance and communication.
* Designed intuitive user interfaces in collaboration with the UI/UX team, transforming Figma designs into fully functional app screens.
* Conducted end-to-end testing and coordinated app releases to ensure timely deployments and minimal user friction.

**Technology Stack:**  
Mobile: Flutter; Backend: PHP/Laravel; Design: Figma; Realtime: Firebase

## [LegitCar](https://www.legitcar.ng/)

*Full Stack Developer (Remote)*  October 2022 – November 2023

* Enhanced user experiences through expertise in both web and mobile development, utilizing Flutter for mobile and PHP(Laravel) for backend development.
* Developed and optimized RESTful APIs in PHP/Laravel, facilitating seamless communication and data flow within applications.
* Utilized TailwindCSS for efficient and responsive UI design, enhancing the aesthetic and functionality of web interfaces.
* Integrated Livewire for dynamic, real-time features, improving user interactivity and reducing server load.
* Implemented Git and Gitlab for version control, ensuring efficient code management and enabling continuous integration/deployment practices.
* Collaborated closely with UI/UX designers, providing technical insights and guidance to align designs with technological feasibility.
* Code reviews, adhering to best practices and maintaining high code quality standards across the development lifecycle.

**Technology Stack:**

Backend: **PHP/Laravel**; Frontend: **TailwindCSS, Livewire, JavaScript, AplineJs;** Version Control: **Git, Gitlab**;

## [WekiWork Creative Labs](https://dthafrica.com/)

*Full Stack Developer*  November 2021 – October 2023

* Designed and developed the front-end application for Dropie, demonstrating proficiency in Javascript frameworks such as React and Next.js.
* Collaborated with a other team members in the company to build the web and mobile applications of the company’s side projects, highlighting teamwork and cross-platform development skills.
* Successfully deployed robust and fully featured applications for both backend and frontend, demonstrating a comprehensive understanding of full-stack development.
* Established a real-time connection between backend APIs and mobile applications, enhancing the responsiveness and user experience of the apps.
* Led system architecture design for the company's side project ([Doci)](https://doci.ng/), integrating database structures with Appwrite, server infrastructures, and application designs.
* Developed a real-time chat module, showcasing expertise in real-time communication technologies and elevating user engagement.
* Successfully deployed mobile applications to [Google Play Store](https://play.google.com/store/apps/dev?id=5390599330076374145) and Apple App Store, ensuring seamless distribution and updates.
* Utilized Appwrite, Flutter, and Docker for robust and responsive mobile applications, ensuring scalability and efficiency in the development process.

**Technology Stack:**

Backend: **PHP/Laravel, Firebase, Appwrite, Pocketbase**; Frontend/Mobile: **JavaScript (React, Next.js);** **Flutter;**

Version Control: **Git, Github**; Hosting Services: **Google PlayStore and Apple Appstore.**

**Software Developer Intern**

*Full Stack Developer (internship & Contract Roles)* April 2018 – October 2021

* At eTrazact, I overhauled the backend for enhanced admin and customer usability, and engineered a payment gateway to facilitate SME transactions, showcasing fintech expertise. I implemented TDD practices for comprehensive test coverage, reinforcing application stability and performance.
* With Landvigo, a real estate firm, I led the transition of their .NET application to a Laravel-based system, illustrating technological versatility. I conducted a seamless database migration from MSSQL to MariaDB and employed TDD for system integrity and reliability.
* At The National Space Research and Development Agency (NASRDA), I contributed as a frontend developer, creating a GPS-based application and a dashboard for web clients, thereby improving user engagement and decision-making with real-time data.
* During my internship at Triune Built-tech Solutions, I co-developed the corporate website using OctoberCMS and contributed to application development, demonstrating collaborative skills and growing expertise in SQL and MongoDB database systems.

# SKILLS AND INTEREST

**LANGUAGES AND TECHNOLOGIES**

**Languages: PHP, JavaScript, Dart, Python, CSS, HTML;**

**Libraries/Framework: Laravel, Nodejs, VueJs, NextJs, ReactJs, jQuery, Livewire, Inertia, Flutter, AplineJs, React**

**Native, Redux, CodeIgniter, Django TailwindCSS;**

**Database: MySQL, PostgreSQL, MongoDB, SQL Server, Redis;**

**Tools: AWS, Firebase, Appwrite, PocketBase, Docker, Git, Cloudflare, Figma;**

**Other Skills: Code Optimization, hardware optimization, Agile methodologies, CI/CD practices, teamwork and communication**

**Interests & Hobbies:** Love playing video games, football fan (Chelsea), Content Creation (TikTok, YouTube).