

Joseph Abraham Dangana

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SKILLS

BACK END DEVELOPMENT | PHP • Laravel • ASP.NET Core • Node.js

• VB.NET • Arduino

FRONT END DEVELOPMENT | HTML5 • CSS3 • JavaScript • Bootstrap

• TailwindCSS • JQuery

VERSION CONTROL & COLLABORATION | Git • GitHub

DATABASES | MySQL • MongoDB • SQLite • Supabase

APIs & WEB SERVICES | RESTful

EXPERIENCE

[Content Skills Academy](#) | PHP, Laravel, MySQL, JavaScript, TailwindCSS

Full Stack Developer | February 2025 - March 2025

- Addressed the institution's need for a comprehensive Learning management System to centralize educational content delivery, student management, and administrative operations
- Developed a robust LMS with role-based access control for administrators, staff, and students, featuring tailored dashboards and functionality for each user type
- Implemented secure authentication, content management tools, assessment systems, and analytics dashboards to streamline educational processes.
- Achieved a 50% reduction in administrative workload and a 30% increase in student engagement with learning materials

[CATAI Tracka Project Management Tool](#) | PHP, Laravel, Bootstrap,

MySQL

Full Stack Developer | May 2024 – August 2024

- Manual processes and lack of customization in existing project management tools led to inefficiencies in task management and team coordination.
- Developing a scalable, maintainable, and user-friendly application tailored to specific organizational needs.
- Create a customized project management tool that automated workflows and improved team collaboration.

EDUCATION

**NASARAWA STATE
UNIVERSITY, KEFFI.**

B.Sc Computer Science

September 2024

CGPA : 4.63/5

HONOURS & AWARDS

CHEVRON SCHOLARSHIP | for excellent student across Nigeria University.

August 2022.

ACADEMIC EXCELLENCE | for best graduating student in the department and the entire faculty.
November 2024.

INTERESTS

Travelling • Fitness • Coding

• Self-empowerment

[Global Service Guppa](#) | Laravel, MySQL, RESTful, Postman

Backend Developer | June 2024 – July 2024

- The existing system lacked a standardized interface for seamless communication between the front-end and back-end, leading to inefficiencies and difficulties in data management.
- Designing and implementing a RESTful API that ensures secure, efficient, and scalable data exchange between the front-end and back-end systems.
- Collaborated with the back-end team to develop a RESTful API using PHP and Laravel, enabling standardized data communication and improving system efficiency.

[SIWES Management System for Nasarawa State University, Keffi](#) | PHP,

Laravel, Bootstrap, MySQL

Full Stack Developer | June 2023 – November 2023

- Manual processes in existing SIWES management systems led to inefficiencies in student industrial work experience tracking and reporting.
- Developing a scalable, maintainable, and user-friendly system tailored to the specific needs of Nasarawa State University, Keffi.
- Designed and implemented a comprehensive SIWES Management System using PHP, Laravel, Bootstrap, jQuery, and MySQL, automating workflows and improving data management.

[Attendance Management System for Entrepreneur Development Centre, NSUK](#),

PHP, Bootstrap, jQuery, CSS, MySQL, Git

Full Stack Developer | June 2024 – November 2023

- Identified inefficiencies in existing manual staff attendance tracking systems, leading to challenges in monitoring employee participation and attendance reporting
- Developed a scalable, maintainable, and user-friendly staff attendance management system tailored to the specific needs of the Entrepreneur Development Centre at Nasarawa State University, Keffi
- Designed and implemented a comprehensive Staff Attendance Management System using PHP, Bootstrap, jQuery, and MySQL, automating workflows and improving data management.

[AI-Powered Plant Identification System for Nigerian Flora](#), React.JS, AI,

Machine Learning

Full Stack Developer | November 2024

- The absence of a centralized, AI-driven platform for identifying Nigerian plants, both indigenous and foreign, along with their traditional names

and uses, hindered access to valuable ethnobotanical knowledge.

- Developing an AI system capable of accurately identifying a wide range of plant species, processing traditional names, and providing information on their uses, all within a user-friendly interface.
- Designed and implemented an AI-powered plant identification system utilizing Convolutional Neural Networks (CNNs) for image recognition and Natural Language Processing (NLP) for understanding traditional names and uses. The system was developed using PHP, Laravel, Bootstrap, jQuery, and MySQL, enabling users to upload plant images and receive detailed information on the plant's identity, traditional names, and uses.

Smart Home Light Automation System

Full Stack Developer | November 2024

- Manual control of home lighting systems led to energy inefficiencies and lacked the convenience of automated operation.
- Developing a scalable, user-friendly, and energy-efficient smart lighting system compatible with existing home infrastructure.
- Designed and implemented a smart home light automation system using IoT devices and home automation protocols, enabling remote and automated control of lighting, resulting in improved energy efficiency and user convenience.