

Assadaldin Osman *Full stack developer*

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 Male

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 Sudanese

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 <https://portfolio-coral-five-85.vercel.app/>

Profile

Full Stack Developer with 6 years of experience (5+ in PHP/Laravel, API development, and database management). Proven expertise in designing and integrating RESTful APIs, optimizing server-side performance, and implementing secure authentication systems. Skilled in integrating third-party and government APIs, developing scalable architectures, and deploying applications on cloud environments. Fluent in English and Arabic.

Professional Experience

10/2023 – 08/2025

Abu Dhabi, UAE

Software Developer

Travent 

- Developed secure **RESTful APIs** for AI-powered chatbot, integrating real-time chalet availability and direct booking workflows.
- Implemented **Stripe Payment Intents API** with automated refund processes, reducing payment failures by **30%** and saving **40%** in fees on cancellations.
- Designed and optimized MySQL queries for performance and scalability.
- Maintained clean, documented Laravel code and managed deployments via GitHub Actions.
- Collaborated with front-end team to ensure smooth API integration and data consistency.

08/2022 – 04/2023

Khartoum, Sudan

Computer Technical Assistant

Ministry of Energy and Petroleum

- Developed and managed online surveys with LimeSurvey for departmental projects, creating various question types (multiple choice, Likert scales, free-text) for accurate feedback.
- Implemented conditional logic and branching to enhance survey flow and response quality, and customized themes for professional presentation.
- Distributed surveys via email tokens and public links, monitoring access, and analyzed results by exporting data to Excel for reports and decisions.

05/2019 – 04/2022

Khartoum, Sudan

Computer Developer

Basil Media 

- Developed and maintained **web-based applications** using **PHP, Laravel, and MySQL**.
- Built dynamic front-end interfaces with **HTML, CSS, JavaScript, and React.js**.
- Integrated **APIs** and external systems to enhance application functionality.
- Designed and implemented **online surveys using LimeSurvey** for academic research and internal data collection.
- Created multiple question types including **multiple choice, Likert scales, and free-text**.
- Applied **conditional logic and branching** to improve survey flow and data accuracy.
- Customized **themes and layouts** and distributed surveys via **email tokens and public links**.
- Exported and analyzed survey data in **Excel** for reporting and decision-making.
- Provided technical support and troubleshooting for software and hardware issues.

Education

09/2012 – 02/2017
Khartoum, Sudan

Bachelor of Science in Information Technology
SHARG EL NIEL COLLAGE

Skills

Languages & Frameworks

PHP (Laravel), JavaScript (Node.js, ES6+), Rust,
HTML5, CSS3, Tailwind CSS

APIs & Integration

RESTful APIs, GraphQL (basic), Webhooks, Swagger,
Postman, API Documentation

Databases

MySQL, PostgreSQL, MongoDB

DevOps & Tools

GitHub Actions, AWS, Git, Linux

Other

Authentication & Authorization, Data Protection,
Stripe Integration, Performance Optimization

Project Management

Agile, Waterfall

Projects

12/2024 – 01/2025

EduPlatform – Full-Stack Learning Platform [↗](#)

Tech Stack: Laravel (Backend), React.js, Tailwind CSS, shadcn/ui

- Designed and developed a full-stack web platform aimed at helping users improve their English through structured lessons, audio playback, and teacher-student interaction.
- Built responsive, user-friendly interfaces using **React.js**, **Tailwind CSS**, and **shadcn/ui**, group-based access, and role-based dashboards.
- Created and consumed secure APIs using **Laravel**, implementing authentication, email verification, lesson media protection, and user management.
- Engineered audio player with download protection, custom UI controls, and playback restrictions for lesson content.
- Implemented scalable user roles (admin, student) and verification logic for secure access to learning materials.

2023 – 2025

Travent [↗](#)

Top Farmhouses in UAE

Travent aims to redefine vacation experiences in the UAE by connecting guests with unique stays, providing a seamless booking platform for both guests and hosts.

2020 – 2020

OEC Educational Website [↗](#)

Freelance / Personal Projects

- OEC is an educational website designed to provide a rich learning experience, featuring a variety of functionalities:
- **Video and Audio Lessons:** OEC offers a diverse selection of educational content, including video and audio lessons, allowing users to easily access and learn from multimedia resources.
- **Group Division:** The website is organized into distinct groups, facilitating the discovery of content tailored to specific interests and needs.
- **Student and Teacher Profiles:** OEC enables users to create profiles as students or teachers, promoting interaction and collaboration between learners and educators.

Courses

- Next.js 15 & React - The Complete Guide [↗](#)
- Linux Mastery For The Absolute Beginners [↗](#)
- Linux RedHat Certified System Administrator (RHCS) [↗](#)