Assadaldin Osman *Full stack developer*

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📍 Abu Dhabi, UAE   🏴 Sudanese

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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.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 ⧉
I had the privilege of working as a backend developer at Basil Media, one of Sudan's premier companies specializing in information technology solutions. My responsibilities encompassed the following key areas:
- System Development: I took part in the design, development, and deployment of web-based systems, leveraging my expertise in full stack development. This included creating dynamic and interactive user interfaces using vue js for front end and ensuring robust backend functionality with Laravel.
- Problem Solving: I was entrusted with diagnosing and rectifying system issues promptly. My problem-solving skills came into play as I identified the root causes of problems, implemented effective solutions, and conducted thorough testing to ensure system stability.
- Collaboration: Working in a dynamic team environment, I collaborated closely with colleagues, including designers, front end developers, and QA testers, to deliver high-quality IT solutions. Effective communication and teamwork were essential in meeting project goals and deadlines.

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) ⬈