

Arnaud ADJOVI

IT PROFESSIONAL — Front-end & Back-end Developer

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PROFILE

- Over 7 years of experience in web programming and digitalization solutions.
- Solid experience in the Microsoft Power Platform ecosystem.
- Experience in front-end and back-end development, capable of handling the full development lifecycle of a web application.
- In-depth knowledge of popular front-end frameworks as well as associated libraries and tools.
- Experience with back-end programming languages and frameworks.
- Skills in relational and non-relational database management.
- Ability to create responsive and mobile-friendly user interfaces using modern development frameworks and techniques.
- Knowledge of UI/UX design principles to create attractive and user-friendly web applications.
- Understanding of web security concepts and best practices for data protection.
- Good communication skills and ability to work in a team.
- Ability to create and work with APIs.
- Strong analytical and problem-solving skills.
- Intermediate professional proficiency in English.

TECHNICAL SKILLS

Languages: PHP, (X)HTML/CSS5, JavaScript, XML, TypeScript, Python

Tools & Platforms: Power Apps, Power BI, Power Automate, SharePoint, Dataverse, Figma, Git, MySQL, Redis, Laravel, Node.js, React.js

PROFESSIONAL EXPERIENCE

IT Professional, Takka Technologies, Benin

October 2023 – Present

Takka Technologies is an IT company that primarily offers work process automation solutions.

At Takka Technologies, I worked on digital transformation and automation projects using Microsoft Office 365 tools:

Development of a Task Management System

In this project, I became familiar with and mastered the advanced features of the Power Apps canvas application creation interface. This project allowed me to develop expertise in:

- Component management and custom properties
- Standard and ergonomic structure of a mobile application
- Basic and advanced Power Fx functions
- Interaction and navigation across multiple screens
- Connecting and managing external data sources

Technologies: Power Apps, Power FX, SharePoint

Development of a Workplace Incident Management Application

With this project, I went even further in canvas app creation with Power Apps, placing a strong emphasis on design. I first designed the complete UI in Figma, then reproduced all screens faithfully using Power Apps native components. I also integrated Bing Maps for location management and used Power Automate flows for notification handling.

Technologies: Power Apps, Power FX, SharePoint, Dataverse, Bing APIs

Implementation of a Mission Management System for ASISO (a Canadian company specializing in digital transformation)

This project involved operational mission tracking integrated into a compliance application based on ISO and AS9100D standards. I gained extensive experience in both technical development and enterprise data security.

Key features implemented:

- User access management (Managers and Supervisors)
- Central database for retrieving client and manager information
- UI design following a defined graphic charter

- Validation forms following predefined company processes
- Dataverse database for managing Clients, Managers, Missions, Follow-ups
- Charts (Histograms) for the desktop dashboard
- Power Automate flows for notification management

Technologies: Power Apps, Power FX, SharePoint

IT Professional, Cabinet ÉLYON, Benin

September 2022 – September 2023

Cabinet ÉLYON is an international firm specializing in Audit, Accounting, Statutory Auditing, and Advisory services. Also active in technical assistance, business organization, and legal, social, and tax studies.

At ÉLYON, I worked on two key projects for implementing a digitalization strategy:

GED-ELYON (Electronic Document Management System)

Over nearly 4 months, I developed a complete document management system including:

Custom Architecture:

- Development of a custom architecture in native PHP
- Use of Composer package manager packages to optimize development

Secure Authentication:

- Standard authentication (email/password) to ensure secure access
- Google authentication integration for diversified login options

Compliance with Business Requirements:

- Strict adherence to technical, administrative, and legal requirements of the accounting sector
- Implementation of features ensuring compliance with industry standards and regulations

Access Rights Management:

- Role-based access control system for sensitive document confidentiality
- Customized authorization levels based on user roles

Advanced Search Features:

- Advanced search functionality for fast and efficient document retrieval
- Improved user experience through intelligent filtering and sorting options

Technologies — Backend: PHP | Frontend: HTML5, CSS3, jQuery, JS | Database: MySQL | Version Control: Git

Web Developer, Octogone Trading Oil S.A, Benin

March 2022 – September 2022

Octogone Trading Oil S.A (OTO) is a Beninese company specializing in trading, importing, exporting, and distributing refined petroleum products. I worked on auditing and implementing an ERP covering several modules:

HR Module:

- Personnel Management: complete solution for employee management including record tracking, leave, and performance reviews
- Payroll & Benefits: automated payroll module handling salary calculations, deductions, and social benefits

Equipment Management Module:

- Inventory: robust inventory module for precise tracking of equipment, stock, and supplies
- Preventive Maintenance: system to optimize equipment durability and minimize downtime

Logistics Module:

- Stock Management: module to optimize stock levels and reduce warehousing costs
- Shipment Tracking: real-time shipment tracking system for full supply chain visibility

Oil & Gas Module:

- Tank Management: module to monitor the status, capacity, and movements of oil and gas storage tanks
- Vessel Arrivals: functionality to record details of arriving vessels carrying petroleum products
- Volume Management: system to track oil and gas volumes for precise resource management

Technologies — Backend: PHP | Frontend: HTML5, CSS3, jQuery, JS | Database: MySQL | Version Control: Git

Web Developer, Marina Web Agency, Benin

April 2021 – August 2021

Marina Web Agency is a digital transformation company specializing in website design, web applications, and mobile applications. Projects I handled:

Crowdfunding Web Application:

Payments & Transactions:

- Integration of Stripe and PayPal payment services for transaction processing
- Webhook setup to manage payment events and automatically update contribution statuses

Authentication & Security:

- Multi-level authentication with Laravel Passport for secure API access tokens
- Two-factor authentication (2FA) integration to strengthen account security

User Management:

- User profiles with custom fields and the ability to track supported projects
- Activity feed implementation to display users' recent actions

Automated Testing:

- Unit tests for each backend component using PHPUnit
- Integration tests to ensure proper functioning of different application parts

Performance Optimization:

- Redis caching to improve performance of frequent queries
- CSS/JS minification and CDN usage for efficient static resource distribution

Technologies — Backend: PHP | Frontend: HTML5, CSS3, jQuery, JS | Database: MySQL | Version Control: Git

EDUCATION

Bachelor's Degree in Management Information Systems (Computer Analysis and Programming)
ENEAM (UAC / BENIN)

CONTINUING EDUCATION & CERTIFICATIONS

- Collaborate with SharePoint in Microsoft 365 (Microsoft Learn)
- Manage your SharePoint sites (Microsoft Learn)
- How to build a canvas app (Microsoft Learn)
- Use visuals in Power BI (Microsoft Learn)
- Model data in Power BI (Microsoft Learn)
- Get data with Power BI Desktop (Microsoft Learn)
- Introduction to Microsoft Power Platform (Microsoft Learn)
- Control Azure services with the CLI (Microsoft Learn)
- Fundamentals of Network Security (IMPROTECH)
- Fundamentals of Agile Methodology
- Use Azure DevOps Services
- Testing and Debugging Applications
- In-depth Training on REST APIs
- React.js Training
- Node.js Training
- Development of SharePoint Webparts
- Web Reputation Management
- E-commerce Site Creation with WordPress
- Stripe Payment Method Integration