

DEKUWIN EMMANUELLA INGRID KOGDA

WEB AND DIGITAL SYSTEMS DEVELOPER

CONTACT

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KEY SKILLS

- WordPress Development, Elementor, WPBakery, WooCommerce
- Responsive Web Design, Landing Pages, Website Optimization
- HTML5, CSS3, JavaScript, Bootstrap, Tailwind CSS
- AngularJS, VueJS, React, Node.js, Handlebars, jQuery
- Git, GitHub, Browser DevTools
- REDCap, OpenClinica, Firebase, MySQL, PhpMyAdmin
- Ionic, Laravel, PrimeNG, Balsamiq Mockups, Photoshop
- AI Tools & Prompt Engineering
- UX/UI Optimization, Data Validation, Workflow Design

LANGUAGES

- French – Native
- English – Fluent

PROFESSIONAL SUMMARY

WordPress & Digital Systems Developer with 4+ years of experience building responsive websites, managing digital platforms, and supporting structured operational workflows.

Experienced with WordPress, Elementor, frontend technologies, research systems, and AI-assisted workflows in remote and institutional environments.

PROFESSIONAL EXPERIENCE

WordPress Developer & Data Manager, 06/2021 – Present Nanoro Clinical Research Unit (URCN/IRSS) - Burkina Faso

- Led end-to-end WordPress platform development for research operations and institutional visibility, including hosting management, CSS customization, deployment, optimization, and ongoing maintenance
- Created REDCap surveys and supported structured clinical workflows using REDCap and OpenClinica
- Coordinated tablet-based data workflows, technical support, and user training across structured multi-site research operations.
- Designed workflows for data validation, query management, and quality control on multi-site studies
- Used R, OpenAlex, and REDCap APIs to integrate structured publication and research project data into the CRUN website.
- Collaborated remotely with distributed teams via Slack/Google Hangouts, and Teams

Web Developer, 09/2020 - 04/2021

BAFATECH - Burkina Faso

- Developed WordPress and WooCommerce websites from scratch, managing hosting, customization, deployment, optimization, and long-term maintenance
- Managed website and application data using MySQL and phpMyAdmin while supporting WordPress platform's functionality
- Participated in application development using Ionic, Bootstrap, HTML5, and CSS
- Customized layouts and improved responsiveness across devices
- Structured web content and optimized usability and performance
- Identified and resolved technical, UI, and functionality issues

Web Design Intern, 01/2020 - 04/2020

Orange Burkina Faso S.A - Burkina Faso

- Assisted in improving internal Laravel-based application interfaces
- Participated in UI testing and frontend validation to identify functional inconsistencies
- Contributed to the design of frontend interfaces with VueJS
- Improved layout structure, usability, and platform reliability

Frontend Developer Intern (Remote), 06/2017 - 08/2017

Pathfinder.vet - New York, USA

- Redesigned and optimized the company's web pages using HTML, CSS, Handlebars, jQuery, JavaScript, Git, Node.js, and Photoshop
- Remote collaboration with distributed teams via Slack and Google Hangouts
- Contributed to debugging and improving website performance and functionality
- Supported frontend development and user interface enhancement

TECHNICAL FOCUS

- Web & Digital Systems
- WordPress & Frontend
- Research Data Systems
- AI-Assisted Workflows
- UX/UI and Testing
- Remote Collaboration

EDUCATION

Master's Level Studies

Management Information Systems - Université Aube
Nouvelle, Burkina Faso | 2022

Bachelor's degree in Computer Science

City College of New York, USA | 2019

ADDITIONAL

Adaptable to structured workflows, technical
documentation, remote teams, and rapid learning
environments.

Intern in Web Design & Digital Support, 06/2016 – 07/2016

RC Fashion Group Production - New York, United States

- Designed and maintained fashion websites with Wix, Squarespace, HTML/CSS, and Photoshop
- Improved visual presentation, branding, and user experience
- Image editing and digital content optimization for online platforms
- Supported social media visibility and sponsor communication materials

SELECTED TECHNICAL PROJECTS

CRUN Website Reconstruction & Digital Platform Management

- Developed and maintained WordPress platforms
- Managed structured data workflows and supported database operations using MySQL and phpMyAdmin within research and digital platform environments

Clinical Data Management System

- Supported REDCap and OpenClinica systems for clinical data management
- Managed CRFs, queries, and multi-site data reporting

AI-Assisted Workflow Experimentation

- Used AI tools to improve content workflows, consistency, and operational efficiency

EHOS Web Application (Academic Technical Project)

- Developed frontend interfaces using AngularJS, Bootstrap, HTML/CSS, and PrimeNG
- Created UI wireframes and responsive layouts with Balsamiq Mockups

Train Reservation Web Application (Academic Technical Project)

- Developed booking interfaces with React, HTML, CSS, Bootstrap, MySQL, and PhpMyAdmin
- Implemented structured booking logic and database interactions

Structured Data Management System (Academic Technical Project)

- Built a CRUD application using Firebase
- Improved structured data organization and usability