

PROFESSIONAL EXPERIENCE

Afreekaplay

Frontend Developer (Vue.js)

May 2023 - Aug 2024 | Freelance, Full Remote

- Completely redesigned the user interface of **Afreekaplay**, an African music streaming platform now serving over **100,000 users**
- Implemented features including **online streaming**, album downloads, subscription plans, and authentication
- Developed a comprehensive back-office for managing music content with **AWS services**, artists, transactions, and analytics
- Created a **PWA** with offline music playback to enhance user experience
- Built a Mini App for integration into **WAA - Benin's** Super App
- Collaborated with the backend team to optimize REST APIs

GPE - Student Management System

Backend Developer (Laravel)

Feb 2025 - Oct 2025 | UIDT, Thiès

- Built the backend for a **multi-tenant** academic management platform serving higher education institutions
- Designed a **modular architecture** to ensure code maintainability and scalability
- Developed GraphQL APIs to enable flexible communication with the Angular frontend
- Integrated **Keycloak** for **SSO authentication** and centralized user management
- Deployed and configured the **Docker** development environment with **PostgreSQL**

Leuq AI

Fullstack Developer (Vue.js + Laravel)

Jan 2025 - May 2025 | Personal SaaS Project

- Designed and developed **Leuq AI**, a **SaaS platform** enabling businesses to deploy **NLP chatbots** trained on their documentation
- Designed a **multi-tenant** database schema to support multiple clients
- Handled complete **UI/UX design**, including color schemes and brand identity
- Integrated an **LLM** via API for natural language processing
- Set up a **CDN** for seamless and fast client integration
- Created a **WordPress plugin** to facilitate adoption
- Implemented **CI/CD** deployment with GitHub Actions
- Built a subscription payment system with PayPal integration

GoCosama

Frontend Developer (Vue.js)

Sep 2023 - Dec 2023 | Freelance, Full Remote

- Completely revamped the back-office for the **Dakar Port ticketing system**
- Modernized the interface to improve user experience
- Integrated features for managing vessels, voyages, boarding, and ticket sales
- Adapted a **physical 3D QR scanner** for ticket verification
- Implemented interceptors for **employee activity tracking**
- Optimized application performance

SKILLS

Technologies: Vue.js - Laravel - React - Spring - JavaScript - Angular - TypeScript - PHP - C - Python - Django

DevOps & Tools: Git - Docker - AWS - CI/CD - Linux - Nginx - Apache

Operating Systems: Linux (Debian) Windows

EDUCATION

Master's in Software Engineering

2023 - Present

Iba Der Thiam University

Thiès, Senegal

Bachelor's in Software Engineering

2020 - 2023

Iba Der Thiam University

Thiès, Senegal

KEY STRENGTHS

- Quick learner
- Team player open to diverse perspectives
- Highly adaptable to changing environments
- Self-driven with end-to-end project ownership
- Strong communicator in French and technical English

LANGUAGES

French: Native

English: Professional proficiency

Wolof: Native

LINKS

[GitHub](#)

[LinkedIn](#)

PROFESSIONAL EXPERIENCE (continued)

Le Pároissien

Fullstack Developer (Laravel)

Jun 2023 - Dec 2023 | Dakar

- Designed and developed a digital parish management application
- Implemented features for mass requests, event creation, and parish announcements
- Created an accessible PWA for parishioners to view daily Gospel readings dynamically
- Built a push notification system
- Deployed on AWS

WAQF

University Internship - Fullstack (Vue.js + Laravel)

Jun 2022 - Oct 2022

- Developed a platform for managing donor contributions
- Implemented real-time donation tracking with an interactive dashboard
- Generated detailed statistics and reports
- Integrated an online payment system (PayTech)
- Built an authentication and user management system

PROJECTS | AWARDS

Winner at #GalsenCodingChallenge

Conway's Game of Life

Nov 2023

- Virtual hackathon organized by Senegal's tech community on [Twitter](#)
- Placed **2nd** with my [PWA version](#) built with **Vue.js**
- Implemented the Game of Life algorithm with performance optimizations
- Created an interactive UI allowing users to design custom patterns
- Deployed on Vercel with continuous integration

Winner of Sonatel Si Sen Gox Hackathon

Community Application

Dec 2024

- Built an application for better organizational management of the Popenguine Pilgrimage
- Placed **3rd** with a prototype developed using Vue.js
- Features for managing registrations by pilgrim groups (walkers, standard, etc.)
- Mobile-first interface for field usage
- Notification and alert system

Class Project - Vue.js + Django

Timetable Scheduler

- First complete project with **Vue.js**, discovering reactivity and components
- Developed a university timetable management application
- Integrated with a Django REST Framework API
- Used Tailwind CSS for responsive design
- [View the final demo](#)

CONTINUOUS LEARNING

- Ongoing self-education on emerging web technologies
- Regular attendance at local tech events
- Member of the [Laravel Senegal](#) community
- Active tech follower (Medium, Dev.to, Twitter Tech)
- Regular practice through personal projects

INTERESTS

- Emerging technologies and tech gadgets
- Artificial intelligence and automation
- Music
- Gaming