

Ny Avo Kevin Razakarivo

Full-Stack Laravel · VueJS Developer — ERP & Business Applications Specialist

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ABOUT

Full-Stack Laravel · VueJS Developer with 6 years of experience designing complex business applications — including ERP, manufacturing, billing, and HR systems— for clients across France, Canada, and Madagascar.

EDUCATION

Master BIHAR, IT-University, ESTIA

Training focused on becoming an expert in the use of Artificial Intelligence, Big Data management, and the development of mobile and web applications powered by Artificial Intelligence and Big Data.

Since September 2021

Andoharanofotsy

Bachelor's Degree in Software Development, ITUniversity

Formation développement d'application

From September 2016 to

November 2020

Andoharanofotsy

LANGUAGES

French



English



Malagasy



SKILLS

Back end

Laravel, NodeJS, NestJS, Supabase

ODOO

Customized Odoo modules including Sales, Purchase, Inventory, Accounting, HR, Manufacturing (MRP), Fleet, POS, and Website. Delivered full ERP implementations for clients in Madagascar and Canada. 4 years of Odoo experience.

Front end

VUEJS, NUXT, Inertia, angular

Developpement mobile

React native, Java, Android studio

DevOps

Jenkins, Docker, Kubernetes, Linux & scripting, Versioning GIT

WORK EXPERIENCE

Full-Stack Developer , Sottye France

From September 2025 to May 2026

Freelance

Full-Stack Developer — ERP, Business Applications & SaaS Platforms

Designed and developed a complete ERP platform for thanatopraxy companies, covering the full operational lifecycle — from case intake and intervention management to customer invoicing and document management.

Key modules developed:

- **Intervention Management** — End-to-end tracking of thanatopraxy operations: case creation, assignment to practitioners, real-time status updates, and intervention history per case.
- **Thanatopractor Management** — Practitioner profiles, certifications, availability scheduling, intervention assignment, and workload monitoring.
- **Billing & Purchase Orders** — Automatic generation of invoices and purchase orders linked to cases, pricing management, and PDF export.
- **Inventory Management** — Tracking of funeral supplies and consumables, stock alerts, and movement history by intervention.
- **Human Resources** — Employee management, contracts, leave requests, absences, and payroll management.
- **Vehicle Fleet Management** — Fleet tracking, intervention assignment, maintenance scheduling, and real-time vehicle availability.
- **Analytics & Reporting** — Dashboards and KPI reporting by period: intervention volume, revenue, practitioner performance, and stock consumption.
- **Nextcloud Integration** — Document synchronization for case files, contracts, invoices, and user access management.

Technologies: Laravel, VueJS, TypeScript, PHP, Python, Nextcloud, Jenkins

Tarot Reading Platforms — Kris Saint Ange & All Success Keys

Designed and developed two online tarot reading platforms from **Figma design to production deployment**

Key achievements :

- **Card Drawing Algorithm** — Developed a weighted random card-drawing engine with combination handling and meaning interpretation logic.
- **Interactive Card Selection** — User experience allowing customers to choose cards before the reading session.
- **Card Draw Animations** — Smooth card selection and flip animations built with VueJS and CSS.
- **Online Payments** — Integration with Stripe for one-time payments per reading session.
- **UI/UX Design** — Designed interfaces in Figma and implemented pixel-perfect frontend integration.
- **Production Deployment** — Delivered and launched two live platforms:
 - oracle.krissaintange.com (French)
 - reading.allsuccesskeys.com (English)

Technologies: Laravel, VueJS, TypeScript, InertiaJS, Stripe, Figma

Nextcloud — Maintenance & Feature Development

- Maintenance of an existing Nextcloud platform: bug fixing, updates, and application stabilization
- Development and integration of custom business modules inside Nextcloud
- Deployment and configuration of ONLYOFFICE Docs Server on VPS for integrated online document editing
- Document synchronization for client files, contracts, and invoices

Infrastructure & DevOps

- Linux VPS configuration and administration for application hosting
- Installation and configuration of Apache HTTP Server
- CI/CD pipeline setup with Jenkins for automated deployments
- Server monitoring, deployment automation, and production environment maintenance

Technologies: Laravel, VueJS, TypeScript, PHP, Python, Nextcloud, ONLYOFFICE, Jenkins, Apache, Linux VPS

WORK EXPERIENCE

FullStack Laravel ,VueJS, PoemGroup Ivandry

From March 2024 to January 2026

Madagascar

Project 1 — Manufacturing ERP for a Paint Production Company

Designed and developed a complete business ERP platform covering the company's full operational workflow — from manufacturing to invoicing.

Key features delivered:

- **Manufacturing Management** — Managed paint formulas including raw materials, component ratios, dosage rules, product variants, manufacturing orders, and batch traceability.
- **Inventory Management** — Tracking of raw materials and finished goods, stock movements linked to production, and low-stock alerts.
- **Sales & Billing** — Creation of quotations, purchase orders, customer invoices, and product pricing management.
- **Human Resources & Payroll** — Employee management, contracts, leave tracking, and payroll generation.
- **SAGE Integration** — Built accounting and financial synchronization between the ERP and Sage via API, with consolidated data displayed inside the ERP interface.

Technologies: Laravel, VueJS, TypeScript, Sage API

Project 2 — Tourism Marketplace & Quotation Platform for Madagascar

Designed and developed a platform for creating and selling tailor-made travel circuits across Madagascar.

Key features delivered:

- **Service Provider Management** — Creation and management of provider profiles by category: accommodations, restaurants, tourist activities, guides, and transport services.
- **Travel Circuit Builder** — Custom itinerary builder allowing operators to assemble tourism packages by selecting providers, dates, and travel stages.
- **Geolocation & Mapping** — Integration with Google Maps API for provider search, visualization, and location management.
- **Quotation & Billing** — Automatic quote generation for end customers, followed by provider-level invoicing with per-service pricing calculation.

Technologies: Laravel, VueJS, TypeScript, Google Maps Platform API

Project 3 — AI Student Orientation Platform (IFM)

Designed and developed an AI-powered student self-assessment and orientation platform for IFM, combining academic evaluation with personalized recommendations.

Key features delivered:

- **Semester Evaluations** — Online structured assessments organized by competency domain, with student-level result tracking.
- **AI Recommendation Engine** — Built a recommendation engine using Python to analyze student performance and suggest personalized academic pathways, career orientation, and improvement areas.
- **Student Dashboard** — Visualization of competency scores and recommended learning/career paths.

Technologies: Laravel, VueJS, Python, Scikit-learn, Pandas

Project 4 — Promotional Lottery Web Application for Air France

Developed a promotional lottery web application for Air France passengers, allowing customers to win promotional gifts after purchasing eligible tickets.

Key features delivered:

- **Player Portal** — Personalized interface for passenger identification, game access, and eligibility verification.
- **3-Reel Slot Machine** — Built animated slot-machine gameplay with configurable winning combinations in VueJS.
- **Prize Management** — Configurable rewards catalog with inventory tracking, probability management, and stock monitoring.
- **Game Eligibility Management** — Automatic assignment of play rights after eligible ticket purchases, duplicate prevention, and attempt control.
- **Admin Back Office** — Campaign management, prize configuration, game rules setup, and reporting dashboard for distributed rewards.

Technologies: Laravel, VueJS, TypeScript

WORK EXPERIENCE

fullstack NEXTJS / supabase, Freelance

From May 2025 to June 2025

Antananarivo, AG, Madagascar

AI-Powered Personalized Learning SaaS Platform

Designed and developed a SaaS platform enabling students and professionals to generate personalized learning paths on demand using Artificial Intelligence.

Key features delivered:

- **AI Course Generation** — Users can submit a learning request on any topic, and AI automatically generates a structured course outline, text-based lessons, and quizzes using OpenAI API.
- **AI Voice Learning** — Each lesson includes AI-generated voice narration powered by Vapi, allowing users to learn through audio in addition to written content.
- **Interactive Quizzes** — Automatically generated quizzes at the end of each lesson to assess understanding and validate learning progress.
- **Progress Tracking** — User progress stored in Supabase with lesson-by-lesson and course-by-course tracking, allowing users to resume exactly where they left off.
- **Authentication & User Management** — Full authentication system with user profiles, account management, and history of generated courses.

Technologies: React, Next.js, TypeScript, Supabase, OpenAI API, Vapi, Vercel

ODOO, Etech consulting

From December 2022 to

January 2024

Anosivavaka, AG, Madagascar

Odoo Development & Integration Projects

Development and maintenance of custom Odoo modules and integration APIs for clients across the agriculture, transportation, and hospitality industries.

Blockchain Integration Module (Agritech)

- Designed and developed an API synchronization layer between Odoo and blockchain infrastructure to ensure end-to-end traceability of agricultural data
- Managed data exchange between ERP workflows and blockchain records for secure product lifecycle tracking

Fleet & Geolocation Module (EVTC / MNDPT)

- Developed REST APIs connecting Odoo with mobile applications through Google Fleet and Geotab integrations
- Built real-time vehicle tracking features, fuel monitoring, and KPI reporting dashboards
- Customized Google Maps views inside Odoo for geolocation and fleet monitoring
- Implemented a vehicle-based payment management system for MNDPT based on the EVTC operational model

Point of Sale Module (Restaurant & Nightclub)

- Developed an Odoo POS solution for restaurant tablet ordering and service management
- Optimized POS performance for the nightclub *Balancoire*, including bug fixing, stability improvements under high traffic, and critical performance optimization during peak hours

Technologies used: Odoo 16, Python, XML, Google Maps API, Geotab API, Google Fleet, Blockchain

WORK EXPERIENCE

Odoo developer, Dirickx Madagascar

From March 2022 to October 2022

Ambanidia

Odoo ERP Implementation for a Security Services Company

Implemented and customized a full Odoo ERP solution for a security services company in Madagascar, covering core internal business processes across sales, invoicing, purchasing, logistics, HR, and payroll.

Sales Module

- Customized quotation and customer order validation workflows
- Adapted sales processes to the operational requirements of a security services business
- Improved internal approval and order management workflows

Billing Module

- Customized invoice validation and customer invoice generation workflows
- Automated invoicing processes linked to security service contracts and recurring operations

Inventory & Delivery Module

- Customized delivery orders and stock transfer validation workflows
- Managed tracking of security equipment, materials, and operational inventory

Purchasing Module

- Implemented and adapted supplier purchasing workflows
- Customized purchase order approval and validation processes

HR & Payroll Module

- Customized payroll processing and payslips based on local Malagasy payroll rules
- Adapted salary calculation logic and QWeb payroll templates to business and legal requirements
- Managed employees, contracts, and salary structure configuration

Technologies used: Odoo, Python, XML, QWeb

Odoo Developer – Application eCommerce and ERP, Njaka Dev

From February 2021 to

February 2022

Anjanahary

Client : Coastal Offroad — Vancouver, Canada Fabricant canadien de kits de pare-chocs et équipements offroad 4x4, vendus dans plusieurs pays (USA, Canada, Nouvelle-Zélande, Australie, Europe).

Conception et déploiement d'un ERP Odoo complet couvrant la fabrication, les ventes et la distribution internationale, couplé à une plateforme eCommerce multi-sites.

Module Manufacturing

- Modélisation des nomenclatures (BoM) pour les kits de pare-chocs : composants, variantes par modèle de véhicule, options de personnalisation
- Gestion des ordres de fabrication liés aux commandes clients
- Intégration SolidWorks via API : synchronisation des fichiers de conception technique des pièces automobiles avec les composants de fabrication dans Odoo

Module eCommerce

- Mise en place d'une plateforme eCommerce multi-sites Odoo pour la distribution internationale
- Gestion des produits, variantes et options de personnalisation (tubing, lumières, ajustements)
- Intégration Stripe et PayPal pour les paiements sécurisés multi-devises

Module Ventes

- Personnalisation des workflows de devis et commandes pour les kits sur mesure par modèle de véhicule
- Gestion des canaux de vente multi-pays

Module Stock

- Suivi des pièces découpées au laser et des composants par kit
- Gestion des expéditions FedEx et des transferts internationaux

Module CRM

- Suivi des prospects et clients par région géographique

Technologies utilisées : Odoo, Python, XML, SolidWorks API, Stripe, PayPal

WORK EXPERIENCE

Developpeur FullStack NodeJS / React-Native, Njaka Dev

From November 2020 to

January 2021

Anjanahary

Mobile Dating Application Development

Client: Malagasy Startup

Designed and developed an end-to-end mobile dating application, from backend architecture to iOS and Android mobile delivery.

Backend Development

- Designed and developed REST APIs for user management, profile creation, matching logic, and user interactions
- Built a matching engine based on user preferences, filters, and compatibility criteria
- Implemented real-time interactions using Firebase Realtime Database for instant updates across the platform

Authentication & Database

- Implemented secure authentication with Firebase including email/password and social login
- Designed the real-time database structure for user profiles, matches, conversations, and interactions
- Built the backend to support scalability for a growing user base and high-volume real-time activity

Mobile Application

- Developed the mobile application for iOS and Android using React Native
- Built core features including profile browsing, like/match system, and real-time messaging
- Optimized mobile performance to deliver a smooth and responsive user experience across devices

Technologies used: Node.js, React Native, Firebase, Realtime Database

Fullstack developer – VUEJS ,LARAVEL, NJAKA Dev

From February 2020 to

September 2020

Antananarivo

Full-Stack eCommerce Platform for Workforce Recruitment Services

Client: Spartan Labour — Vancouver, Canada

Designed and developed a full-stack web platform for a recruitment agency specializing in temporary workforce placement across construction, moving, and warehousing industries.

Delivered the platform end-to-end, from backend architecture to customer-facing interface.

Backend Development

- Designed and developed the Laravel backend architecture and business logic
- Built APIs for job offers management, worker profiles, and temporary workforce booking workflows
- Managed service requests, order lifecycle, and staffing operations through custom backend modules

Frontend Development

- Developed a responsive customer-facing interface using VueJS
- Built search and filtering features allowing clients to browse workers by skills, availability, and job category
- Improved user experience for staffing requests and worker selection workflows

Online Payments

- Integrated Stripe and PayPal for secure online payment and service billing
- Managed payment flow for workforce service orders and customer invoicing

Performance Optimization

- Improved application performance by reducing page load time through Laravel caching strategies
- Implemented lazy loading for frontend optimization
- Optimized SQL queries and data retrieval for better scalability and responsiveness

Design Collaboration

- Integrated UI designs provided by the design team into production-ready frontend components
- Ensured responsive implementation and pixel-perfect integration across the customer platform

Technologies used: Laravel, VueJS, TypeScript, Stripe, PayPal, QuickBooks API

WORK EXPERIENCE

Full-Stack .NET Intern Developer — Investment Tracking Application, EDBM- Economic Developpement Board of Madagascar

From July 2019 to September 2019

Antaninarenina

Designed and developed a complete investment tracking application for monitoring foreign investors entering Madagascar, from database architecture to user interface and reporting tools.

Database Design

- Designed the SQL Server database schema to manage investor records, including investor profiles, business sectors, investment amounts, and follow-up status
- Ensured data integrity, consistency, and secure storage of sensitive investment information

User Interface Development

- Developed WinForms interfaces for data entry, consultation, and real-time tracking of investor files
- Built a user-friendly experience tailored for non-technical EDBM staff and operational teams

Reporting & Analytics

- Developed custom reporting and analysis tools including dashboards by sector, period, and investment volume
- Delivered performance visualization and KPI reporting for operational monitoring and decision-making

Training & Deployment

- Trained EDBM staff on the use of the ITS application
- Provided post-deployment support and delivered improvements based on user feedback

Technologies used: C#, .NET, WinForms, SQL Server