Hello, I'm Hermann MOUSSAVOU.

Passionate in everything I do, I always aim to give the best of myself because I know that there are no limits except those that we give ourselves.

— BUILD. MEASURE. LEARN. REDO. —

Experience 6+ years

AUG.2023 - CURRENT

O'Ypunu ORG - **Fullstack Developer**

Design and development of a multilingual social dictionary platform for African languages — 3 codebases (web, mobile, API) maintained in parallel

* Built a complete fullstack ecosystem: Angular 19 web app, React Native/Expo mobile app and a NestJS REST API deployed on Railway — all sharing a unified TypeScript architecture
* Designed an enterprise-grade backend with Repository Pattern, JWT + OAuth (Google, Facebook, Twitter), automatic refresh token rotation and 4-level RBAC (User, Contributor, Admin, SuperAdmin)
* Implemented real-time features with Socket.io: instant messaging, typing indicators, online presence and Cloudinary audio upload for native pronunciation recordings
* Feature-First mobile architecture with a custom design system (tokens + reusable components), React Query for server state management and EAS Build pipeline for Android/iOS distribution
* MongoDB performance tuning with strategic indexes and advanced pagination achieving sub-200ms average API response time across 23 repository modules
* Project management using Agile SCRUM and GitHub Flow with Conventional Commits, Swagger/OpenAPI documentation and 85%+ test coverage on critical services

Technical stack : Angular, React Native, Expo SDK, NestJS, TypeScript, MongoDB Atlas, Socket.io, Mongoose, Passport, Cloudinary, Railway, Vercel, EAS Build.

VieneCheckIn/CompanyViene - **Fullstack Developer**

Development of a multi-tenant SaaS attendance management application from scratch

* AI facial recognition integration using Google Gemini Flash for biometric check-in verification
* GPS geofencing implementation to validate employee locations in real time

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EDUCATION

AUTODIDACTE
Continuous learning of new communication and information techniques on platforms such as LinkedIn Learn and Udemy

TECHNOFUTURE TIC
FullStack Developer

CEPEGRA
User Experience Research and User Interface

EDAA
Graphic design

SKILLS

* Frontend Development
* Backend Development
* UX/UI Design
* Graphic Design
* Interactive Design
* Web App Design
* Copyrighting
* Brand Strategy

CERTIFICATIONS

CEPEGRA, TECHNOFUTURE TIC, TECHNOCITÉ, EDAA, LINKEDIN LEARN, UDEMY, GOOGLE

Various certifications in areas such as programming, data analysis, IT maintenance, visual design and animation, user experience enhancement, team management, time management and much more...

LANGUAGES

ENGLISH
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FRENCH
●●●●●●●●●●

* Design and implementation of a 3-level RBAC system (Super Admin, Company Admin, Employee)
* Clean Architecture setup following SOLID principles (Domain, Application, Infrastructure, Presentation layers)
* Multi-tenant data isolation ensuring strict per-company data security
* Server-side validation with Zod and secure authentication via NextAuth v5 (JWT + bcrypt)
* Project management using Agile SCRUM methodology and GitHub Flow branch strategy

Technical stack : Next.js, React, TypeScript, Tailwind CSS, Prisma ORM, NextAuth, PostgreSQL, Google Gemini AI, Uploadthing, Vercel.

OkiraViene/CompanyViene - **Mobile Developer**

Development of a multi-sector mobile business management platform (restaurant, pharmacy, retail) from scratch

* Offline-first architecture with SQLite local database, intelligent multi-device synchronization and automatic conflict resolutionSystems integration
* Adaptive business template system with sector-specific workflows, validation rules and regulatory compliance (DGCCRF, ANSM)Information system standardization
* Real-time analytics dashboard covering sales, inventory rotation and customer loyalty KPIsEasy access to services for the user
* CI/CD pipeline setup with GitHub Actions across Development, Staging and Production environments
* Project management using Agile SCRUM methodology and GitHub Flow branch strategy

Technical stack : React Native, Expo SDK, TypeScript, Expo Router, Zustand, SQLite, NativeWind, EAS Build.

OkiraLib/CompanyViene - **Frontend Developer**

Development of a web backoffice for product catalog management synchronized with the OkiraViene mobile app via Supabase

* Implementation of granular RBAC with 3 roles (super_admin, content_manager, viewer) secured by Supabase Row Level Security policies
* Cloud image management with Cloudinary: upload, auto-slugified folder structure and deletion linked to product lifecycle
* Full audit trail system tracking every create, update and delete action with old/new value diffing
* SOLID architecture following Repository Pattern and Service layers with Zod server-side validation
* i18n-ready codebase with all UI strings centralized in a single messages constants file

TECHNICAL SKILLS

FRONTEND

* CSS
* JAVASCRIPT (ES6)
* REACT
* NEXT.JS
* ANGULAR
* STYLED-COMPONENTS
* TAILWIND CSS
* CONTEXT
* VALIDATION (FORMIK, YUP, ZOD, ...)
* GIT
* FLUTTER
* DART
* WORDPRESS
* YOAST SEO
* ELEMENTOR

BACKEND

* NODEJS
* EXPRESS
* NEST.JS
* SERVER ACTIONS
* SQL/SQLite/NoSQL
* ORM
* FIREBASE

UX RESEARCH/DESIGN

* INTERVIEWS
* PERSONA
* USER TESTING
* EXPERIENCE MAP
* CO-DESIGN
* WORKSHOPS
* PROTO PERSONA
* WIREFRAMES
* PROTOTYPING
* USER STORY MAPPING

SOFTWARE

* FIGMA
* ADOBE XD
* MARVELAPP
* INVISION
* SKETCH
* PHOTOSHOP
* ILLUSTRATOR
* INDESIGN
* PREMIER PRO
* AFTER EFFECT
* VS CODE

MANAGEMENT

* SCRUM
* KANBAN
* LEAN UX
* DESIGN SPRINT
* DESIGN THINKING
* SERVICE DESIGN
* TRELLO
* JIRA
* CONFLUENCE
* GITHUB
* VERCEL

DEVOPS

* GITHUB ACTIONS
* CI/CD
* DOCKER

Technical stack : Next.js, React, TypeScript, Supabase, NextAuth, Tailwind CSS, Zod, Cloudinary, Vercel.

Website/CompanyViene - **Frontend Developer**

Full migration of the official company website from WordPress/Elementor to a custom Next.js application, improving performance and maintainability

* Implementation of a secure multilingual contact and job application system with file upload, Zod validation, CSRF protection and reCAPTCHA v3
* Redis-based (Upstash) rate limiting per IP and structured logging to prevent abuse on public-facing forms
* Hardened HTTP security headers (CSP, HSTS, X-Frame-Options) replacing WordPress plugin-managed settings
* i18n architecture with dedicated messages folder and Next.js middleware for locale-based routing
* Deployment and configuration on Vercel with environment-based secrets management

Technical stack : Next.js, TypeScript, Tailwind CSS, Zod, Upstash Redis, reCAPTCHA, Nodemailer (SMTP), next-intl, Vercel.

DoctoViene/CompanyViene - **Frontend Developper**

Multi-service hospital platform built from scratch — occupational medicine, gynecology-obstetrics, birth certificates and workplace accident declaration modules

* Complex medical form system with Formik, Yup validation schemas and context-driven event state across all clinical workflows
* Automated clinical document generation (certificates, birth bulletins, accident reports) with @react-pdf/renderer — paperless medical records
* Patient traceability via QR code and barcode scanning with react-zxing, enabling instant medical record access at point of care
* Reusable UI component library from designer specifications — standardized data tables, date pickers and form controls across all hospital modules
* Project management using Agile SCRUM methodology and GitHub Flow branch strategy with ESLint/Prettier code quality enforcement

Technical stack : React, Next.js, TypeScript, Formik, Formik Context, Yup, Tailwind CSS.

To find out more about my professional experience, please take a look at my portfolio at:

https://hermann-moussavou.com/

AVR.2025 - SEP.2025

NOV.2023 - CURRENT