

ELIMANE BA

Web, Mobile & Backend Developer

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PROFESSIONAL SUMMARY

Web, Mobile & Backend Developer with 6+ years of experience designing and shipping end-to-end software solutions, from requirements gathering to production deployment. Specialized in Flutter, Laravel/PHP, JavaScript/TypeScript and REST API architectures, I have led critical platforms for both public and private sector organizations in Senegal — industrial materials management, a multi-country ride-hailing mobile app, municipal digitalization systems, and institutional tools. Autonomous and results-driven, I combine technical rigor with a strong design sensibility to deliver robust, scalable, user-centered products.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, PHP, Python, Java, C#, Dart, HTML5, CSS3

Frameworks & Libraries: Laravel, Next.js, Express.js, React, Angular, Vue.js, Flutter, Bootstrap 5, Tailwind CSS, Django, Ruby on Rails, Spring Boot

Mobile: Flutter (iOS/Android), Firebase (Auth, FCM, Realtime Database), Google Maps API, native Android (Kotlin/Java), native iOS (Swift)

Databases: MySQL, PostgreSQL, MongoDB, SQLite, Oracle, Redis, Prisma ORM

Architecture & Security: REST APIs, JWT authentication, role-based access control (RBAC), relational data modeling, application security

DevOps & Tools: Git/GitHub/GitLab/Bitbucket, VPS deployment (Infomaniak), mobile CI/CD (Codemagic), WordPress

Operating Systems: Linux, Windows, macOS

Graphic Design: Adobe Photoshop, Illustrator, InDesign, Premiere Pro, Canva — brand identity, visual communication and marketing collateral (Adobe Certified)

PROFESSIONAL EXPERIENCE

Web & Mobile Developer, Graphic Designer & Network Administrator — APROSI — Industrial Sites Development & Promotion Agency

Dakar, Senegal | November 2022 — Present

- Own all visual communication and brand identity for the agency: brand guidelines, art direction, and communication materials
- Designed and deployed a materials management web platform (Next.js, Express.js, PostgreSQL/Prisma, Redis, JWT/RBAC), including user documentation and production deployment on a VPS
- Built and maintain the agency's institutional website (aprosi.sn), ensuring a consistent, professional brand presence
- Oversee the SENPASS mobile application and manage digital staff meal-ticket issuance
- Developed a WordPress-based ERP platform for billing electricity, water, and industrial warehouse rentals
- Produce all institutional deliverables (activity reports, financial and budget reports, recruitment memos, partnership agreements) following a dedicated brand identity
- Administer the agency's network, servers, and IT security; maintain the OPTIMAINT software and CCTV system

Developer Intern — Yulcom Technologie (remote, Canada)

Dakar, Senegal (remote) | May 2023 — August 2023

- Took ownership of and customized the Openclinic GA patient management application in Java
- Authored a technical and financial proposal for a competitive bid, contributing to the project's final evaluation

- Deployed an electronic archiving solution and drafted a tender for the Consortium Jeunesse Sénégal, including requirements analysis and feature scoping

Graphic Designer & Web Developer — Touba Faadel Service

Senegal | June 2021 — December 2021

- Designed graphic materials and developed websites for the organization

Intern — Customs File Handling — K.A Trans (Freight Forwarding Company)

Senegal | November 2020 — June 2021

- Managed customs declaration files and associated tax payments

Network Administrator & Web Developer — Electro Info

Senegal | October 2019 — March 2020

- Designed and deployed a staff time-tracking application
- Installed and cabled network infrastructure across multiple buildings

Support Agent & Field Audit Agent — Wave Sénégal

Dakar / Kaolack, Senegal | February 2019 — May 2019

- Provided customer support and user assistance across Wave's services
- Conducted field audits of distribution agents in Kaolack, ensuring service point compliance

KEY PROJECTS

Orbits — Lead Software Engineer & Full-Stack Mobile Developer — Flutter, Dart, Laravel, PHP, MySQL, Firebase, Google Maps Platform, Stripe, REST API, FCM, Git

- Designed and built an end-to-end ride-hailing platform for the New York market, comprising two mobile apps (Passenger and Driver), a robust backend, and an admin panel
- Owned the full development lifecycle — from technical architecture to production release — with a focus on performance, security, and user experience
- Designed the backend and REST APIs, integrating real-time geolocation and trip tracking
- Implemented a complete ride booking and management system, including push notifications and real-time updates
- Integrated secure payments (Stripe and other gateways) and built a digital Wallet feature with commission and driver payout management
- Designed an admin dashboard for managing users, drivers, rides, payments, and analytics, while optimizing performance, security, and scalability

Municipal Platforms — Nioro du Rip City Hall — PHP, MySQL, Chart.js, QR Code

- Fully redesigned the municipality's institutional website (brand identity, responsive design, animations)
- Developed a land-use authorization platform with QR code generation, analytics dashboards, and advanced filtering
- Developed a municipal document management platform with audit trail, notifications, and Excel/PDF export

SunuRH Pro — HR SaaS for French-Speaking Africa — React/Vue.js, Tailwind CSS

- Defined the rebranding strategy and functionally adapted an open-source HR platform for the Senegalese and West African market (FCFA, fr-SN localization)

Helping Yourself (HYS) — Multi-Service Platform — Technical Specifications & Architecture

- Designed a modular 17-module architecture (banking, social network, payments, health, education) and authored the full technical specification

EDUCATION

Master's Degree (M1) in Software Engineering — ESTM (Ecole Supérieure de Technologie et de Management), 2019 — 2020

Bachelor's Degree (L3) in Software Engineering & Network Administration — ESTM, 2017 — 2018

Bachelor's Degree (L1 & L2) in Software Engineering & Network Administration — ESTM, 2015 —

2017

High School Diploma (Baccalauréat S2) — Collège Lat Dior de Thiès, 2014 — 2015

CERTIFICATIONS

Graphic Design – Adobe Certified — GoMyCode, awarded March 13, 2026

LANGUAGES

Wolof (native) • French (fluent) • English (intermediate)

INTERESTS

Football & basketball, Scrabble, video games, graphic design (Canva), technology watch