



PAPE SOULEYMANE NDAO

FULL-STACK DEVELOPER · FUTURE AI &
BIG DATA ENGINEER AND SOFTWARE
ARCHITECT

papesouleymanendao.pro@gmail.com

papesouleymanendao.pro

linkedin.com/in/pape-souleymane-ndao-71829921a

github.com/SouleymaneNdao1

Dakar, Senegal

Full-stack developer and co-founder of Fyxop. I build software that holds up in production, starting with finance because I love it. From January 2027: double degree ESMT × 3iL in AI & Big Data and software architecture.

EXPERIENCE

2024 → today

Co-founder & CEO · Fyxop, Dakar

- **FIDIS** · full-stack. Internal control and compliance for UEMOA banks, in production. Django REST, Next.js, PostgreSQL (one schema per bank), Celery, Redis, Docker, Claude API. 850+ tests, 53 delivery lots.
- **ALPHA** · architecture and DevOps. Decision workflow piloted by a bank, delivery 15 Nov 2026. Django 5.2, PostgreSQL 16 with Row-Level Security, Next.js 15, Docker, Caddy. Code written by Claude and AI agents from my specification: 24 pull requests merged in Oct 2026.
- **Riskless** · front-end in an agile team. Risk mapping in production. Laravel 12, Blade, Bootstrap, MySQL.
- **SecuFin** · AML/CFT. V1: front-end in an agile team. V2 in progress: front-end by me, back-end with Claude.
- **fyxop.com** · full-stack. Next.js, TypeScript, WebGL 3D scenes, French and English.

Aug → Dec 2025

Front-end developer intern · Sonatel headquarters, Dakar

- Tech-watch chatbot: NewsAPI and RSS feeds summarised with Mistral AI, React and Tailwind CSS interface.

EDUCATION

From Jan 2027

Double degree ESMT Dakar × 3iL Ingénieurs · AI & Big Data, and Expert in Software Architecture and Development

Enrolled. 3iL title RNCP level 7 (master's level): software architecture, DevSecOps, cloud, big data.

2023 → 2026

ESMT Dakar · Professional bachelor's (LP3), Distributed Application Development

Thesis on FIDIS, a multi-tenant SaaS for internal control and compliance: 17/20, mention Très bien.

2023

Baccalauréat, experimental sciences

Lycée Serigne Modou Bousso Dieng.

OTHER PROJECTS

- **SamaCloud** · CADEV contest, team of five: my deployment engine clones a repo, builds it with Nixpacks, runs it in Docker, serves it over HTTPS with Traefik.
- **SK Photography** · booking and online payment for a photographer in Bamako. Next.js, TypeScript, Prisma, PostgreSQL.
- **Fyxop Academy** · personal training and steering platform, built from zero. Django REST, Next.js, PostgreSQL.
- **OphtaCare** · ophthalmology clinics, tutored project, team of three. My part: modelling, architecture, DevOps.
- **ChantierSN** · Flutter app to follow infrastructure works in Senegal.

LANGUAGES AND TOOLS

LANGUAGES

Python, TypeScript, JavaScript, PHP, SQL, Dart, Java, Bash

DATA

PostgreSQL (schemas, RLS), MySQL, Redis, Prisma

SOFT SKILLS

Adaptability, teamwork, quick to grasp new projects

BACK-END

Django REST, Laravel, FastAPI, Celery

INFRASTRUCTURE

Docker Compose, nginx, Caddy, Traefik, Linux, Git

FRONT-END

Next.js, React, Angular, Flutter, Tailwind CSS, Three.js

AI

Claude API, AI agent teams, Mistral AI

INTERESTS

Swimming, football, chess · Finance, AI and big data.