

CONTACT

LOCATION
Dakar, Senegal

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GITHUB
github.com/salifbiaye

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salifbiaye-web.vercel.app/en

SKILLS

Backend
Java, Spring Boot, NestJS, REST API, Spring Security, JWT

Microservices
Spring Cloud Gateway, Eureka, Keycloak

Cloud & DevOps
Docker, Docker Compose, Linux, Caddy, CI/CD

Frontend
Next.js, React, TypeScript, Tailwind CSS

Data
PostgreSQL, MySQL, Prisma ORM, Redis

Tools & AI
Git, GitHub, n8n, Zapier, LLM integration

LANGUAGES

French — Bilingual
English — Intermediate

SALIF BIAYE

Software Design Engineer — Computer Science

Java · Spring Boot · Microservices · Docker · Next.js

PROFILE

Software design engineer, graduated from the École Supérieure Polytechnique de Dakar (July 2026), specialised in backend development and microservice architectures. Working at Innov4Africa after a work-study placement on a banking information system, I design end-to-end solutions: requirements analysis, API design and production deployment. I enjoy designing applications that bring concrete solutions to real problems.

PROFESSIONAL EXPERIENCE

Software engineer
2026 – Present
Innov4Africa · Dakar

- Continuing at Innov4Africa after the work-study: contributing to software solutions and the evolution of information systems.

Work-study engineer
08/2025 – 07/2026
Innov4Africa · Dakar

- Work-study placement towards the design engineer degree. Designed and developed modules of a banking information system for the WAEMU zone: KYC, 360° customer view, scoring, portfolio management and operations tracking.
- Contributed to deployment and maintenance. Spring Boot, Spring Cloud, Keycloak, Docker, PostgreSQL, Redis.

Freelance web developer
08/2024 – Present
Eath (EathStartup) · Dakar

- Designed and built the website of the Eath startup, a food safety app. Next.js, Tailwind CSS.

Deputy chair, IT Committee
07/2024 – 02/2026
Student Executive Committee — ESP · Dakar

- Designed two platforms: student housing allocation (Next.js, Spring Boot, PostgreSQL) and booking of fields and rooms (full-stack Next.js).

Developer intern
05/2023 – 09/2023
Port Autonome de Dakar · Dakar

- Took part in building a mobile restaurant app for order management.

EDUCATION

Design Engineer degree, Computer Science
July 2026
École Supérieure Polytechnique de Dakar — UCAD

Higher Technology Diploma (DST) in Computer Science
July 2023
École Supérieure Polytechnique de Dakar — UCAD

CERTIFICATIONS

Public speaking — certificate of completion
July 2026
École d'Art Oratoire

Spring Boot Microservices Professional eCommerce Masterclass
Aug 2025
Udemy

AI Automation: Build LLM Apps & AI-Agents with n8n & APIs
Aug 2025
Udemy