MOUSSA DIENG
Full Stack Developer

Dakar, Senegal | moizadieng@gmail.com | [Portfolio](#) | [Linkedin](#) | [Github](#)

PROFILE

Junior **Full Stack Developer** with **3+ years of experience** in building scalable web applications using Go, JavaScript, and Java. Passionate about microservices architectures and cloud solutions, I combine technical expertise with rapid learning capabilities to deliver optimized and secure projects.

EDUCATION

High School Diploma (Baccalauréat)   **2020 - 2021**
Mathematics - Physical Sciences
Zone01-Dakar (Peer-Learning Program) | Self-Driven Tech Curriculum   **2022 – Present**

- Successfully completed **15+ full-stack projects** (individual/team) with a focus on **Go, JavaScript, rust, Java, and cloud technologies**, guided by project-based instructions (e.g., e-commerce platforms, social networks).
- Developed expertise in **autonomous learning**, **collaborative problem-solving**, and **Agile workflows** without formal instructors.

PROJECT

Buy01 – Full-Stack E-Commerce Platform
- Designed and deployed a **microservices-based e-commerce solution** using **Spring Boot** and **Angular**.
- Implemented **RBAC authentication (JWT/OAuth2)** and secured seller CRUD operations.
- Built a media service for image uploads with **size validation (2MB limit)**.
- Secured the application using **Spring Security**, **HTTPS/SSL encryption** (Let's Encrypt).
- Enabled asynchronous microservices communication via **Kafka** and stored data in **MongoDB**.
- **Tech Stack**: Spring Boot, Angular, Kafka, MongoDB, JWT/OAuth2, AWS S3, Docker.

Social Network (Facebook-similaire plateforme)
- **Collaborated with a team of 4 developers** to build a full-stack social network (**Go backend, JavaScript frontend**).
- Key features implemented:
    - **Public/private profiles** with a follower system (auto-accept for public profiles).
    - **Posts with 3 privacy levels** (public, followers-only, custom).
    - **Real-time chat** (WebSocket) and push notifications.
    - **Groups** with event management and invitation systems.
    - **SQLite database** with automated migrations using *golang-migrate*.
    - **Deployment**: Containerized with Docker (separate frontend/backend services).
- **Tech Stack**: Go, JavaScript, SQLite, Docker, WebSocket, Gorilla Toolkit

SKILLS

- **Programming Languages** : Go, JavaScript/TypeScript, Java, Rust.
- **Frontend** : Angular, React, Next.js, **Tailwind CSS**, HTML5/CSS3.
- **Backend/Tools** : Spring Boot, Microservices, REST/GraphQL, Kafka, **Jenkins CI/CD**.
- **Cloud/DB** : AWS (S3, EC2), Docker, MongoDB, MySQL, **SQLite**.
- **Soft Skills** : Team Leadership, Complex Problem-Solving, Agile Methodology.
- **Languages:** English, French.