Mouhameth LAMOTTE

+221 77 093 43 13 · mouhamedlamotte.dev@gmail.com · @mouhamedbabalamotte.vercel.app
Mariste, Senegal, Daker

FULL STACK DEVELOPER & DATA ENGINEER

Full Stack Developer and data enthusiast with diverse experience in creating modern web applications and leveraging data for innovative solutions. I have worked on projects involving API integration, data processing with Elasticsearch and Kibana, as well as developing visualization and analysis tools. My goal is to combine technology and data to solve real-world problems and create added value.

COMPÉTENCES CLÉS

Full Stack Web Development	Advanced Search with Elasticsearch	Agile Team Collaboration
API Design and Integration	Relational Databases	Autonomy and Initiative
Data Analysis and Visualization	Docker Containerization	Organization and Prioritization

PROFESSIONAL EXPERIENCE

Sonatel Group   **November 2024 - Present**
Data Engineering Intern

Internship focused on Quality System Optimization (QSO), data management, and analysis. Utilized StreamSets, Kibana, and ELK to collect, process, and analyze data in real time. Contributed to the creation and automation of pipelines in Python and VBA, while also generating dynamic reports and visualizations to improve strategic decision-making.

Subito International   **August 2024**
Full Stack Developer - *Freelance*
Development of the front-end for a platform dedicated to businesses for car reservations, including complete management of authentication, reservations, and administrative dashboards. Integrated the existing Subito API and created interactive visualizations for reservations and tracking graphs, providing a smooth user experience and detailed tracking for businesses.

Jolof Taxi   **July 2024**
Front-End Developer - *Freelance*

Integrated the landing page with Next.js and Tailwind CSS. Created a simple, aesthetic, and responsive interface, ensuring performance optimization and user experience (UX) for smooth navigation.

EDUCATION & CERTIFICATIONS

Data Development Certification
Skills: Programming and Data Engineering
Sonatel Academy   2024

Bachelor's in Physics-Chemistry (L1)
University Cheikh Anta Diop   2023

Baccalaureate in Experimental Sciences (S2)
Lycée de Pété   2022

COMPÉTENCES TECHNIQUE

- Python, Django (DRF)
- JavaScript, Next.js, React.js
- Tailwind CSS
- PostgreSQL, SQLite, MongoDB, Redis
- Elasticsearch, Kibana, StreamSets
- REST APIs, WebSockets, Firebase
- Docker, Git
- Microsoft Excel VBA

PROJECTS & ACHIEVEMENTS

NexCom (Personal Project)

Design and development of a real-time communication management platform, allowing the integration of popular messaging APIs (WhatsApp, Facebook Messenger, Twitter). The project includes message management through a robust backend using Django or Node.js for optimal performance. MongoDB is used for managing user and message data, Redis for caching and real-time management, and Elasticsearch for search optimization and providing instant results.

Windam (Personal Project)

Development of a real-time messaging application with Django (backend) and Next.js (frontend). Integrated WebSockets for real-time communication, along with management of friends, posts, and friend requests. Collaborative work with @**Helicia Tskika** for frontend design.

Indexation and Data Search (Course Project)

Creation of a specialized search engine with Elasticsearch, integrating data via scraping and analyzing price trends in the film industry. Kibana is used for data visualization and displaying results in interactive graphs.

BibliLoan (Course Project)

Creation of a book lending platform between users, with a Django backend and React frontend. Development of features for user management, available books for rent, as well as notifications and ratings between users.

OTHER INFORMATION

Links & Networks

LinkedIn
https://www.linkedin.com/in/mouhamed-baba-lamotte-876291252/

Twitter
https://x.com/MouhamedLamotly

Portfolio
https://mouhamedbaba.vercel.app/

Languages

- French | Advanced
- English | Intermediate
- Poular, Wolof | Native