

Thierno Abdourahmane Diallo

Full Stack Developer

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Full Stack Developer with over 6 years of experience in creating and maintaining web applications. Specialized in front-end technologies (Angular, React, and Next.js) and back-end technologies (ASP.NET Core, C#, Nodejs). I have contributed to a variety of projects, including multichannel platforms and optimization solutions.

EDUCATION

Practical Training in Big Data Atos Digital Academy (DataBeez) Dakar, DK, Senegal	2022
Computer Engineering Degree Dakar Polytechnic University (ESP) Dakar, DK, Senegal	2021
Bachelor's Degree in Computer Science Dakar Polytechnic University (ESP) Dakar, DK, Senegal	2019
High School Diploma Series S2 The Educators of Dakar Dakar, DK, Senegal	2015

WORK EXPERIENCE

Front-end developer VueJS Assuraf Dakar, DK, Senegal	From August 2019 to August 2020 (1 year)
Creation of a digital brokerage website. Development of the website's user interface using Vue.js, HTML, and CSS, to enable customers to request quotes and manage their insurance policies online. Design and integration of an interactive form to simplify quote requests, with real-time validation to avoid errors. Creation of a dashboard allowing users to track their contracts and manage their personal information. Optimization of site performance for faster loading, especially on mobile, through file minification and improved response times.	
Full-Stack Developer (Front-end and Back-end) Atos Sénégal Dakar, DK, Senegal	From December 2020 to December 2021 (1 year)
Organization of segmentation and campaign management via a multichannel platform. Analysis and design of the solution. Identification of features. Application development (back-end). Needs analysis. Identification of features. Application development (front-end). Integration of screens provided by the designer. Implementation of tests.	
Data engineer Atos Sénégal Dakar, DK, Senegal	From December 2021 to July 2022 (7 months)
Create a Spark program that reads a file and saves data using metadata found in JSON files. Run everything using Oozie on an hourly basis. Industrialize the program. IntelliJ, Oozie, Kibana, MobXtern, Spark, Scala, Python.	
Data engineer Atos Sénégal Dakar, DK, Senegal	From December 2021 to July 2022 (7 months)
Web scraping project for a data visualization and information website. Capture all articles and comments related to an event. Visualize the data.	

WORK EXPERIENCE

Full Stack Developer (Front-end and Back-end)

From December 2022 to September 2024 **(1 year)**

Atos Sénégal Dakar, DK, Senegal

Update of the application version for segmentation and campaign management via a multichannel platform. Application development (ASP.NET 6.0 back-end). Design of the solution. Application development (Angular 17 and 18 front-end). Integration of screens provided by the designer. Implementation and testing.

Co-Founder and Full Stack Developer (Front-end and Back-end)

From May 2022 to June 2023 **(1 year)**

Fegn Seo Dakar, DK, Senegal

Development of the first natural referencing agency in Senegal - FegnSEO. Implementation of SEO strategy for organic traffic acquisition, optimizing the online visibility of local and international companies. Development of customized SEO campaigns to meet the specific needs of each client. Creation of free SEO audits to identify areas for improvement and propose concrete solutions. Collaboration with different departments (content, technical, netlinking) for optimal synergy in strategy implementation. Improvement of clients' online performance through technical and content optimizations. Monitoring and analysis of results using tools such as Google Analytics, Search Console, and SEMRush to adjust strategies based on data. SEMRush to adjust strategies based on data.

Full Stack Developer

Since June 2024 **(1 year)**

Okooltrip Dakar, DK, Senegal

Complete development (front-end and back-end) of OkoolTrip, a web platform for online booking of hotels, vacation rentals, and excursions in Senegal. The goal was to create a seamless, secure, and modern solution for users while allowing for autonomous management on the administrator side. Development of the user interface based on Figma mockups. Integration of pages in SSR (Server Side Rendering) with Next.js for SEO and performance. Responsive design for full mobile compatibility. Creation of screens provided by the designer. Implementation of dynamic navigation, filter search, and detailed pages for each offer. Implementation of dynamic search, filter management, and detailed pages for each offer. Design and structuring of content collections in Strapi (accommodations, excursions, users, reservations). Integration of the SQLite database for data storage (MVP). Development of the back-end business model: availability management, reservations, cancellations. Integration of the Stripe API for online payment. Management of payment statuses, post-payment redirects, and email notifications.

WORK EXPERIENCE

Backend Developer
Cuberfit Dakar, DK, Senegal

Since July 2025 (**8 months**)

Responsibilities:

Design, development, and maintenance of RESTful APIs for web and mobile applications (customers and partners)

Implementation of a scalable, secure, and documented architecture adapted to the growth of the project

Integration of external services:

Mobile payment (Wave, Orange Money, Free Money, PayTech)

Online payments (credit cards, international gateways)

Google Maps API for geolocation and searching for rooms/coaches

Push notifications (Firebase, Twilio)

Advanced management of roles, permissions, reservations, credits, and usage history

Optimization of backend performance and strengthening of API security

Participation in code reviews, technical testing, and documentation to ensure product quality

Implementation of AI & Data modules for:

Conversational chatbots (NLP, intents, dynamic responses)

Personalized recommendation systems (machine learning, scoring, clustering)

Analysis of user data to improve engagement and personalization

Automation of business processes via predictive models and intelligent rules

Data analysis (segmentation, visualization, KPIs)

CERTIFICATIONS

Microsoft Azure Administrator Associate (AZ-104)

Microsoft Azure Fundamentals (AZ-900)

Microsoft Azure Data Fundamentals (DP-900)

Astronomer Certification for Apache Airflow Fundamentals

Amazon AWS Certified Cloud Practitioner (CLF-C02)

SKILLS

NodeJs

AspNet Dotnet/.Net Core/ .Net

Angular/ Typescript

BeautifulSoup

C #

Elasticsearch

Entity Framework

Html/Css

JavaScript/Next.js

Java

ReactJS

jQuery/Ajax

Selenium

Tailwind/ Bootstrap

INTERESTS

Basketball

Football

Jeux vidéo

SKILLS

Redis

TensorFlow

Datadog

Docker

Kubernetes

Kibana

Python

PostgreSQL/MySQL/MongoDB

Strapi

SQL/SQL Server

COMPUTER SKILLS

Ai

Cloud Architecture

AWS

Azure

Windows

Filezilla

Teamviewer

IntelliJ

Pycharm

Visual Studio

GitHub

Postman

Mobaxterm

Zeplin

VsCode

Linux

Eclipse

Azure Data Studio

Sql Server Management Studio

UML

Mérise

LANGUAGES

French

Courant

English

Technique

Wolof

Courant