Eyoum Atock Jean-Jacques Brayan

Software Engineer | Big Data & AI Master's Student | Data Enthusiast

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👤 About Me

Date of Birth: 17 July 2003

Results-driven Software Engineer with a solid foundation in AI, Data Engineering, and Backend Development. Currently pursuing a Master's in Big Data & Artificial Intelligence. Passionate about transforming complex data into actionable insights and building scalable systems. Always questioning norms and seeking efficient, timeless solutions.

</> Skills

Python   FastAPI   Flask   ReactJS   SQL   Pandas   NumPy   Docker   Jenkins   Machine Learning   Docker

Data Visualization   Selenium   Web Scraping   R Studio   Streamlit

📁 Projects

Analyse-des-Ventes-Trimestrielles-avec-R - Ce projet vise à analyser les ventes trimestrielles d'une entreprise sur une période de trois ans, en mettant l'accent sur la détection de la saisonnalité et l'estimation de la tendance. Les données, fournies en milliers d'unités, seront traitées à l'aide de méthodes statistiques avancées.
Stack: R

Analyse-des-Ventes-Trimestrielles-d-une-Entreprise-de-Climatisation-en-R - Ce projet analyse les ventes trimestrielles d'une entreprise de climatisation, exprimées en milliers Fcfa. L'objectif principal est d'identifier le schéma de saisonnalité (additif ou multiplicatif) et d'estimer la tendance des ventes à l'aide de la régression.
Stack: R

AZ_FAST - A Delivery Management System built with Laravel and Tailwind CSS. Clients place and track orders, Merchants manage products, Couriers handle deliveries, and Admins oversee the system. Includes real-time map tracking with Leaflet for route visualization.
Stack: PHP

C-STAT - An analysis app built for the CNEF of BEAC Yaoundé using Django. It consolidates SESAME statements from microfinance institutions within a zone and period into one file, and compares two consolidated files to compute financial variations and trends.
Stack: Python

CineMatch - CineMatch is a Flask web app that allows users to upload a movie poster and find similar movies based on visual similarity. Using a pre-trained ResNet-18 model, the app generates image embeddings and calculates cosine similarity. It also supports managing movies in a MongoDB database.
Stack: HTML

HITS_Recommendation-System - HIT is a Python-based music recommendation app built with Flask and the Spotify API. It recommends songs based on the user's chosen genres and the listening habits of people they follow. Delivers personalized playlists and fresh vibes in real time.
Stack: Python

Hockey-Teams-Data-Analysis-Visualisation - This project provides an interactive web application for analyzing and visualizing the performance of hockey teams over multiple seasons. Built with Flask for the backend and HTML/CSS with Tailwind for the frontend, the application allows users to search for teams, view their statistics, and generate insightful

visualizations.
Stack: HTML

LOAN_APPRAISAL_APP - Loan Appraisal System is a rule-based loan management and eligibility appraisal web application developed using Django. Designed to serve microfinance structures in Yaounde, this platform streamlines loan processes by automating client eligibility assessments and structuring a clear approval workflow across multiple organizational role
Stack: Python

SHADAYE_Cosmetics - An eCommerce website built for SHADAYE, a cosmetics brand. Clients can browse products, add items to cart, and place orders. Upon checkout, order details are sent via WhatsApp for fast, direct processing. Built with simple HTML, CSS, and JavaScript.
Stack: Python

Stocky - This Django system manages inventory and orders for multiple stores with role-based access. It allows managers to add, update, and track products, handle stock alerts, and create orders. Admins can oversee all stores and users. The app features user authentication, manager registration, sales reporting, and password reset functionalities.
Stack: Python

Tracking-Sytem - A web-based logistics tracking system built with Django. It allows logistics companies to showcase services, manage deliveries, and let clients track orders in real time. Secure, efficient, and designed to optimize delivery operations and customer experience.
Stack: HTML

🎓 Education

Master's in Big Data & Artificial Intelligence
IAI Cameroun, Yaoundé — 2024 - Present
Diving deep into the realms of AI, Big Data, and advanced machine learning frameworks. This program sharpened my analytical instincts and equipped me to engineer intelligent, scalable solutions. From real-time data pipelines to predictive analytics, I'm mastering the digital tools that power tomorrow's enterprises.

Bachelor in Software Engineering
IAI Cameroun, Yaoundé — 2019 - 2023
Where it all began — solid foundations in algorithms, data structures, system design, and web technologies. I didn't just learn to code, I learned to think like an engineer. Crafted my first full-stack projects, explored software architecture, and discovered my obsession with clean, efficient code. Earned academic distinctions and secured multiple internships before even walking out with my diploma.

🔤 Languages

French – Native fluency, the language of culture, precision, and professional finesse.
English – Full professional proficiency, fluent in tech talk, global collaboration, and code review banter.

💙 Hobbies & Passions

When I'm not architecting scalable software or diving into data lakes, you'll find me vibing to smooth RnB, Afro beats, and Hip-Hop rhythms — music fuels my creativity and sharpens my flow.
I'm a fashion enthusiast, always tracking street style and classic looks — blending tradition with modernity, much like my coding philosophy.
Business and finance get me hyped too, especially understanding how tech powers economies and human behavior.
Beyond that, I'm a curious soul, always questioning, learning, and pushing boundaries — because growth never sleeps.

💼 Professional Summary

Versatile and forward-thinking Software Engineer with a strong academic foundation and a growing professional footprint in both public and private sectors. Since the first year of my studies, I have completed multiple internships, including two rotations at the **Banque des États de l'Afrique Centrale (BEAC)**, where I gained firsthand experience in digital transformation within a central banking environment. I have also contributed to system development and optimization projects at **AZ Corporation**, and led technical support and software improvements in healthcare settings like **Hôpital District d'Efoulan**.

Currently working as a **Freelance Software Developer**, I design and deliver modern, scalable solutions across web, data, and automation pipelines. Simultaneously, I serve as a **Python Instructor**, empowering the next wave of tech talents through structured, hands-on learning experiences. I bring a balance of traditional engineering values and modern AI-infused practices — ready to contribute to high-impact tech teams and build the digital infrastructures of tomorrow.