

# Joseph Koami Konka

## Senior Data Analyst | Data Scientist

Passionate Data Professional with over five years experience in Data Science with a focus on Python based-tools, looking for new challenges.

Autonomy - Innovation - Leadership



contact@josephkonka.com

+228 91 51 89 23

Lomé, Togo

linkedin.com/in/joseph-koami-konka

github.com/joekakone

joekakone.github.io

## EMPLOYMENT HISTORY

### CUSTOMER ANALYTICS SUPERVISOR

**Yas Togo**, Lome, Togo | **Feb 2024 - Present**

- Lead the Data Analysts team (2 data analysts)
- Assist N+1, schedule team meeting, ensure interim x2
- Coordinate data integration implementations
- Lead deployment of SSAS and OLAP projects
- Deploy Apache Airflow and migrate Talend jobs
- Lead Monitoring and evaluation of commercial actions

Tools : SQL, Analysis Services, Airflow, Spark

### AD HOC ANALYTICS OFFICER

**Yas Togo**, Lome, Togo | **Feb 2022 - Feb 2024**

- Deploy and manage Power BI Report Server
- Migrate existing Excel reports to Power BI
- Design several Power BI reports for business teams
- Support teams on data analysis and evaluations
- Design and implement an end to end datamart for MFS, compute KPIs (Subs/POS, Amount, Revenue)
- Optimize existing SQL-based ETLs using functions
- Provide bases for bulks and datasets for analysis

Tools : Excel, SQL, Power BI, Talend, Python

### JUNIOR DATA SCIENTIST

**RINTIO**, Cotonou, Bénin | **May 2020 - Jan 2022**

- Migration du code de la version de tf 1.14 à tf 2.4.1
- Build an end to end images classification and captioning model for medical diagnostic of skin
- Build Flask APIs to expose tensorflow models
- Automate Docker containers using Bash scripts
- Contribute to Python backend projects
- Collect data on web using web scraping

Tools : Python, Tensorflow, Flask, Docker, Bs4, Git

### TRAINEE DATA SCIENTIST

**RINTIO**, Cotonou, Bénin | **Nov 2019 - May 2020**

- First professional experience, learnt in depth Git, Linux, Python, Flask, TensorFlow, DevOps, Agility
- Took ownership of, and maintained, the source code for a medical-image classification project.
- Contributed to the development of a dashboard using Bokeh to monitor agricultural harvests.

Tools : Python, Pandas, Bokeh, Keras

## SKILLS

### Programming & Scripting

Python, R, C, Bash, PL/PGSQL, T-SQL

### Data Engineering & Databases

PostgreSQL, SQL Server, SQLite, SQL, Talend, Apache Airflow, ETL Development

### Business Intelligence & Reporting

Power BI, Tableau, SSAS, Excel (Advanced), DAX, Data Modeling, OLAP Cubes

### Data Visualization & Storytelling

Matplotlib, Seaborn, Plotly, Bokeh

### Data Analysis & Machine Learning

NumPy, Pandas, Statsmodels, Dask, PySpark, Scikit-learn, MLxtend, TensorFlow/Keras

### Web Development & Automation

Flask, Streamlit, Gradio, HTML/CSS, BeautifulSoup, Scrapy, Selenium

### DevOps & Cloud

Git, GitHub, GitLab, Docker, Azure, AWS, Heroku

### Productivity & Design

Microsoft Office, G Suite, Libre Office, Canva

## EDUCATION

### EXECUTIVE MASTER AI & DATA ANALYTICS

**HEC Rabat** (Maroc) | 2023 - 2025

- Data Analysis & Decision Engineering
- Data Mining
- Artificial Intelligence & Big Data

### BACHELOR'S IN MATHEMATICS

**University of Lomé** (Togo) | 2016 - 2019

- General Mathematics & Physics
- Algorithms & Programming with C
- Statistical Analysis with R

## ONLINE TRAINING

### Airflow 101 Learning Path

**Astronomer** | July 2024

### Data Analysis with Python

**freeCodeCamp** | December 2021

### Master Data Anlysis with Power BI

**Linkedin Learning** | November 2021

### Become Data Analyst

**Linkedin Learning** | April 2021

### PCAP: Programming Essentials In Python

Cisco Networking Academy | November 2020

### Introduction to Data Science (Bootcamp)

**Africa Tech Up Tour** | July 2019

## PERSONAL PROJECTS

### Databases Analytics Tools

Databases Analytics Tools is a Python open source micro framework for data analytics and interacting with relational databases.

- Querying DDL, DCL, DDM, DQL
- Run stored procedures as ETL (with code or via UI)
- Data Migration : Import, Export and Transfer
- Data Visualization, Airflow API

Tools : Python, Psycopg2, Pyodbc, Pandas, Matplotlib

### Jobs Tracker

Jobs Tracker is a Python-based automation tool that browses job offers on **emploi.tg** and **exploitogo.info**, filters them based on user-defined keywords, and sends the matching offers via email.

- Retrieve jobs offers using web scraping
- Match jobs offers with user-defined keywords
- Send jobs offers list viar mail

Tools : Python, BeautifulSoup, TensorFlow, Annoy

### Similarity Research Engine

Similarity Research Engine is a search engine that allows you to search for similar images in an database.

- Image classification with a CNN
- Image compression into vectors
- Building a search tree with Annoy
- Demo UI interface with Gradio

Tools : Python, SQLite, TensorFlow, Annoy, Gradio

## CERTIFICATIONS

### Microsoft Azure Fundamentals

**Microsoft** | November 2021

### Microsoft Azure AI Fundamentals

**Microsoft** | November 2021

### Microsoft Azure Data Fundamentals

**Microsoft** | January 2022

### Microsoft Power BI Data Analyst Associate

**Microsoft** | October 2022

### Microsoft Power Platform Fundamentals

**Microsoft** | October 2022

### Information Technology Specialist Python

**PearsonVue** | October 2022

### Microsoft Azure Data Scientist Associate

**Microsoft** | February 2023

## LANGUAGES

### French

Level : Native

### English

Level : Professional

## SOFT SKILLS

- Curiosity
- Availability
- Taking 'Initiative
- Collaboration
- Technical Leadership

## OTHER ACTIVITIES

### Algo Jungle | Content Creator

Develop elearning website, create contents on social medias and host online workshops on data science.

### Microsoft Learn | Student Ambassador

Participate to the community events and hosted online events on Docker and Power BI Report Server.

### Data Community Togo | Secretary

Coordinate the association's activities, schedule meetings, and draft meeting minutes.

## HOBBIES

Music

Technical Writing

Video Games

Geopolitic

Science & Philosophy