

Alexianne Imanirakarama

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<https://github.com/imalexianne> | <https://imalexianne.github.io/Portfolio/>

Summary

With experience in software development and data analytics, I'm a resilient IT engineer proficient in PostgreSQL, Python, Restful FastAPI, and web development technologies. I have a strong passion for developing Dashboards, Reports, Data Models, and performance-related insights. Since I can map the Business Requirements as a Business Analyst and as a Data Analyst then translate them into operational dashboards and performance-related insights, I can always develop a solution without any miscommunication with stakeholders. Automating the processes concerning Data Extraction and Data Transformation also falls under my expertise. Committed to innovation, I'm ready to contribute to a team valuing excellence in the evolving IT landscape.

Skills

Data Analytics

- Advanced Excel
- PowerBI
- SQL |Jupyter notebook
- Python
- Machine Learning

Software Development

- Python(Django)
- HTML | Javascript (Angular js)
- CSS | VS Code| Github
- Bootstrap | Linux | Windows
- Postgresql & Mysql

Personal Skills

- Continuous Learning
- Work under pressure
- Team Work
- Communication
- Accuracy and attention to details

Academic Qualification

Azubi Africa | Business & Data Analytics

Acra, Ghana | September 2022 - January 2024

Award

Certificates

Skills:

- Explore Important Formulas and Functions in MS Excel | Create Charts and Visualizations using MS Excel
- Load datasets, establish table relationships and DAX Expressions in PowerBI | Build different charts and dashboards in PowerBI
- Perform Data Analysis using SQL
- Explore Python for Data Exploration and Statistical Inference | Use Matplotlib and Seaborn for data visualization
- Create charts to visualize data and generate insights | Univariate, Bivariate and Multivariate analysis using python
- Perform Statistical Analysis on real world datasets | Build and Validate Hypothesis using statistical tests
- Generate useful insights from the data

Moringa School | Web Development

Kigali, Rwanda | November 2018 - May 2019

Award

Certificate

Skills:

- Python (Flask & Django) | HTML | CSS | Postgres & MySQL | JavaScript | AngularJS

UR(CST) | Bachelor Of Science in Computer Engineering

Oct 2008 – Jan 20013

Award

Bachelor's Degree

Skills:

- Networking | Security | Programming | Database | Operating System

Employment History

MobiCash | Software Development

Kigali, Rwanda | October 2020 - Current

Responsibility:

- Integrating data from various back-end services and databases | Creating and maintaining software documentation.
- Designing software applications and user interface using standard HTML, Django framework, Python, and other relevant tools.
- Maintaining, expanding, and scaling websites and web applications | Layout of a website according to the company's specifications.
- Writing and designing testable, efficient code using best software development practices | Operating Systems (Linux and Windows).

Projects

Indian startup ecosystem. The analysis aims to uncover trends, patterns, and key factors that contribute to the success of startups in India.

Customer churn or turnover aims to predict customer churn and understand the key indicators of churn by analyzing a dataset containing various customer attributes

Corporation Favorita, a large Ecuadorian-based grocery retailer. This project involves predicting future sales for a grocery retailer based on historical sales data and other relevant information.

Language

English(Excellent), French(Good), Kinyarwanda(Excellent)