KILLIAN SARSAH

Data Analyst

Professional Summary

Killian Sarsah holds a Bachelor's degree in Computer Science from the University of the People and brings extensive expertise across various technology domains. With a specialization in IT Support and Systems Administration, he is highly skilled in Python, Java, SQL, and computer hardware. Beyond software development, Killian excels in assembling computers and resolving complex software and hardware challenges. Renowned for his meticulous attention to detail and exceptional problem-solving abilities, Killian consistently delivers innovative solutions. His proficiency in database management and network security further enhances his role as a versatile and valuable professional in the tech industry.

EDUCATION

Computer Science
University of the People

WORK EXPERIENCE

IT Support
Solutions Providers, *11/2023 - 05/2024.*
- ❖ Taught programming concepts like loops, conditionals, and functions using Python and Scratch, fostering problem-solving skills.

Data entries
Eliplus micro credit, *04/2022 - 10/2023.*
- ❖ Inputting loan application details, client information, and financial transactions into the organization's database.
- ❖ Setting up data tables, databases, or spreadsheets to support later analysis and reporting.

CERTIFICATES
Data Analyst Associate *(Data Camp)*
PwC Switzerland - Power BI Job Simulation *(Forage)*
Google IT Support *(Google)*
System Administration and IT Infrastructure Services *(Google)*
Aruba Networking Basics *(Coursera)*
Advanced MySQL Topics *(Meta)*
Virtual Assistance Skills in the Digital Age *(Alx_Africa)*
Data Analytics and Visualization Job Simulation (Accenture)
Data Analyst in Tableau (Data Camp)
Mastercard - Cybersecurity Job Simulation (Forage)

CONTACT

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SKILLS

Hardware Installation and Troubleshooting

PC Assembly and Repair

Python, Java, html

Router and Switch Setup

Remote Support Advanced Excel

BIOS Configuration

SQL and Database Querying

INTERESTS

COMPUTER PROGRAMMING

PLAYING GAMES

REPAIRING GADGET

Projects

1. YouTube Video Downloader

- Developed a Python-based tool to download YouTube videos and audio by leveraging the Pytube library.
- Designed a graphical interface using Tkinter for seamless user interaction.
- Added functionality to select video resolutions and customize download locations.

2. Expense Tracker Application

- Built an expense tracking tool to record and categorize daily expenses.
- Implemented a robust SQL database to store transaction records.

5. Sales Dashboard with SQL Queries

- Built a dashboard to analyze sales trends and generate reports.
- Processed raw sales data using Python and structured it into a SQL database.

6. Data Cleaning and Analysis Pipeline

- Developed a Python script to clean messy datasets and load them into a SQL database.
- Automated the detection and removal of duplicate entries, missing values, and outliers.
- Designed SQL queries to generate summaries and insights from the cleaned data.

4. Employee Management System

- Designed an employee database system to manage HR operations such as attendance and payroll.
- Created a Python interface for adding, updating, and querying employee records.
- Used MySQL for advanced data storage, indexing, and querying.