DERICK KURIA

Full Stack Web Developer kuriaderek@gmail.com

+2547072155390 | Nairobi | GitHub | LinkedIn

I am a Full Stack Developer and Data Analyst with a strong inclination towards backend development, seeking a challenging and rewarding position where I can leverage my skills and knowledge in software engineering and data analysis. My background has equipped me with a unique perspective that I can bring to your organization.

I am proficient in Python and Java, with extensive experience in server-side coding for web services and a solid understanding of API design principles. I have worked with frameworks such as Spring Boot, Flask, React js which has enhanced my ability to build robust and scalable applications.

My expertise includes working with SQL, MySQL, and relational databases. As a Data Analyst, I have developed skills in data manipulation, visualization, and interpretation using tools such as Python, SQL, and Excel. I am always eager to adapt and grow with the evolving tech landscape. My goal is to contribute significantly to the success of the organization by creating impactful solutions.

EDUCATION

Moringa School - Nairobi, Kenya

- Software Engineering Certificate - September 2023 - February 2024

EXPERIENCE

- 1. D.Light solar- customer service representative, 2019 Nov Feb 2024
 - Responsible for contacting clients and collecting outstanding payments with the aim of reducing the delinquency numbers for the business.
 - Handled inbound calls from customers with questions and concerns about satellite and internet service.
 - Discovered customer needs by asking open-ended questions and presented appropriate products and services.
 - Ordered services and equipment based on customer needs. Scheduled installation of satellite and internet services.
 - Persuaded customers to retain services by offering discounts and special promotions on products and services.
 - Resolved customer complaints successfully. Entrusted with confidential customer information. Achieved sales goals monthly.

- 2. Finley collection Africa Debt collector , Nairobi, Kenya Feb 2019 November 2019
 - Contacting Debtors: Initiating communication with debtors through phone calls and emails to discuss outstanding debts and negotiate repayment plans.
 - Negotiating Payment Plans: Working with debtors to establish manageable repayment plans, considering their financial situations and circumstances.
 - Maintaining Records: Keeping accurate records of all interactions with debtors, payment agreements, and relevant documentation related to the debt.
 - Monitoring Payment Progress: Tracking and monitoring debtor payments to ensure they are adhering to the agreed-upon repayment plans.
 - Problem-Solving: Finding solutions to challenges that may arise during the debt collection process, such as unexpected financial hardships faced by debtors.
 - Meeting Targets: Working towards and meeting set targets for debt recovery, while maintaining the utmost professionalism and ethical standards.

SKILLS

- Programming Languages JavaScript, Python, Html, CSS
- Libraries/Frameworks React, Flask, Spring Boot
- Tools / Platforms Microsoft Office Suite, WordPress
- Database Management SQL Alchemy, Restful APIs, MySQL
- Analytical & Critical Thinking
- Java
- PHP
- Teamwork
- Communication Skills
- Web Development

PROJECTS

1. Errand buddy - Python/

- This was a Group Project
- The aim of this project was to test my capacity for collaboration with other people on GitHub

A Personal Task Assistant at Your Fingertips

In today's fast-paced world, managing personal tasks can be a challenge. That's where Errand Buddy comes in. Our app is designed to help you manage your personal tasks by connecting you with reliable and efficient errand runners in your area.

Whether you need someone to pick up groceries, deliver a package, book an item, or complete any other task, Errand Buddy is here to help. Simply log in, describe your task, and our app will connect you with nearby errand runners, whom we affectionately call "Errand Boys".

Just like a ride-based service, Errand Buddy uses your location to find the closest available Errand Boys. Once your task is completed, you'll receive a notification, and you can then proceed to make payment through the app.

But that's not all. Errand Buddy is also a platform for those looking to earn some extra income. If you're reliable, efficient, and looking for flexible work, you can sign up as an Errand Boy. With Errand Buddy, managing your personal tasks has never been easier. Because at Errand Buddy, your tasks are our priority

2. Market View - Python & SQL Alchemy

This application provides users with tools to analyze the stock market. It's designed to help users make sense of complex financial data and provide insights into which stocks to buy or sell.

Features:

User Creation and Watch list: After creating a new user profile, users are prompted to add stocks to their watch list. Users can enter the tickers of the stocks they would like to be added to their watch list, and these tickers are stored in the user stock table in the database associated with their user ID and the stock ID.

- Stock Checking, Comments and Ratings: Users can check the current status of a particular stock. They will be prompted to enter the ticker of the stock they want to analyze. The application will fetch the data from the Yahoo Finance API and display various metrics about the stock, such as average daily volume, the market cap, price, opening price, highest price of the day, lowest price of the day, 90-day moving average, price to earnings ratio, 52-week high, 52-week low, and 5-year change.
- After viewing a stock, users are prompted to enter a rating and a comment. The rating can be one of five options: STRONG SELL, UNDERPERFORM, HOLD, OUTPERFORM, or STRONG BUY. The rating and comment are stored in the Market Data table in the database, associated with the user's ID and the stock's ID.
- . Best and Worst Stocks View: Users can view the best and worst performing days for each individual stock in the Dow Jones Industrial Average. The application fetches data for each ticker for the last 5 business days, calculates the daily returns for each ticker, and identifies the best and worst performing days for each stock.
- Data Analysis Stock Metrics View: Users can view various metrics of a particular stock. The application utilizes the NumPy library to fetch data for each ticker for the last 5 years, calculates the daily returns for each ticker, and calculates and displays the average returns and volatility for each stock.

3. Restaurants.io - Flask, React and SQL Alchemy

This is a web application that allows users to make restaurant reservations and promote their own restaurants online.

4. Mind Matters - React, Flask & SQL Alchemy

- . Mind Matters is a comprehensive web application designed to facilitate the operations of psychologist and their clients. This application provides functionalities for user authentication and authorization, appointment scheduling and handling contact form submissions.
- . Still a work in progress

REFERENCES

Ian Walter - Senior Software Engineer Cooperative bank

Email: ianwalter309@gmail.com

Phone: 0716561507

Steve Otieno – Technical Mentor

Moringa school

Phone: 0705820725