# Racheal Appiah-kubi

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## SUMMARY

Machine learning & data science enthusiast with a passion for creating interactive websites built on Machine Learning models. Fluent in multiple languages, frameworks, and technologies and capable of ramping up quickly and efficiently.

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## SKILLS

**Back-End:** Python, SQL (MySQL & PostgreSQL), Ruby, Rails, APIs, Linux
**Machine Learning:** Scikit-Learn, TensorFlow
**Front-End:** HTML5 & CSS3, JavaScript, React & Redux
**Tools & Methods**: Git, GitHub, Mobile/Responsive Development, RSpec, TDD, Chrome Dev Tools
**Professional:** Remote Pair-Programming, Teamwork, Mentoring
**Certifications**: AWS Cloud Practitioner

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## EXPERIENCE

German Institute of Business & Technology                                                         Remote
**Data Science & ML Trainer (Cohort Experience Lead)**                          Sept, 2022– Present
- Trained over 80 learners in concepts such as Data Mining & Visualizations , and Machine Learning.
- Facilitating Scrum ceremonies, & guiding learners on Agile best practices and fostering a self-organizing environment, and improving NPS score of the Data Analytics Program from 41% to 69%.

**App Developer, Freelance**                                                          Jan, 2020– Aug, 2022
- Developed database management systems for schools to help them manage and maintain their data on fees, salaries, and student registration, using Python, SQL, KivyMD.

**ESL Tutor, OMIS International**                                                    Feb, 2019– Dec, 2019
- Taught English to junior high school students to improve the language education policy in my district.

**Data Quality Engineer, Ghana Health service**                         Sept, 2017– Jan, 2019
- Developed and executed data validation and testing strategies to verify the integrity of data for 1300+ insurance card holders.

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## HIGHLIGHTED PERSONAL PROJECTS

SmartTracker School — A database management system for maintaining fees, salaries, and student registration.
- Built with: (Python, SQL, KivyMD).

Smart Crypto — is a web app that tracks real-time prices of the crypto market using the coingecko crypto API.
- Built with: (React, and used Redux for state management).

Home Price Prediction — a model that predicts home prices in the state of California.
- Built with:(Python, Sklearn, pandas, numpy)

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## EDUCATION

MICROVERSE                                                                             Nov, 2022– June 2023
**Remote Full Stack Web Development Program, Full Time**
- Mastering algorithms, data structures, and full-stack development with Ruby, JavaScript, React, and Redux.
- Developing skills in remote pair-programming using GitHub, industry-standard gitflow, and daily standups to communicate and collaborate with international remote developers.

UNIVERSITY OF CAPE COAST                                                          Aug, 2013– May, 2017
**Degree, Bachelor of Management studies**
- Trained in business processes, management, & consumer behavior with an understanding of the bottom line.