Rexon David Pambujya

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EDUCATION

St. Francis Institute of Technology — Mumbai, India
Bachelors of Information Technology Engineering (B.E) IT; CGPA: 8.63/10.00 — *Aug 2019 – May 2023*

Thomas Baptista Junior College — Vasai, India
12th (H.S.C); 67.38% — *Aug 2017 – May 2019*

St. Anthonys Convent High School — Vasai, India
10th (S.S.C); 86.60% — *June 2005 – May 2017*

SKILLS

Programming: Experience in → Python; Knowledge about → Java, SQL, MySQL

Web Development: Experience in → HTML, CSS, React, Angular, JavaScript.

Technologies: Experience in → WordPress, Rasa NLU, Google SEO, Git, GitHub.

Soft Skills: Adept in Teamwork, Problem-Solving, Empathy, Leadership, Project Management, Attention to detail.

WORK EXPERIENCE

XEMI — Mumbai
Software Engineering Intern. — *Oct 2023 – Jan 2024*
HSN Recommender System and EwayBill Module.
- Prepared training data for the Machine Learning model by annotating the essential attributes in the 250-plus documents. I engaged in fine-tuning of OpenAI model (GPT-3.5) utilizing the HSN dataset.
- I trained a machine learning model on HSN documents using the Langchain framework. This improved HSN code prediction accuracy and streamlined the code assignment process.
- Created an EwayBill module using HTML, CSS and angular to streamline and automate filling out the E-waybills(bill required for transporting shipments) form, reducing the manual workload.

Cere Labs — Mumbai
Data Science Intern. — *Jul 2022 – Jul 2023*
Clustering of Indian Addresses to derive Business Insights.
- Analyzed and processed Indian address data, transformed it into a structured format, assigned precise geo-coordinates, and clustered locations.
- Demonstrated the potential of machine learning algorithms to cluster geographic coordinates, leading to significant reductions in transportation costs and improved delivery times.

PROJECTS

Diabetes Prediction and Classification | *GitHub* — *Jul 2022 – Dec 2022*
- Developed an adept machine learning web application utilizing StreamLit, accurately predicting diabetes onset based on diagnostic data.
  Technology Used: - Python, StreamLit, Numpy, Pandas, Scikit-learn, Matplotlib.

Earthquake Magnitude Prediction Model using Machine Learning | *GitHub* — *Jan 2022 – May 2022*
- Predicted earthquake magnitude by factoring in time, depth, latitude, and longitude using machine learning algorithms.
  Technology Used: - Python, Flask, Numpy, Pandas, Scikit-learn, Matplotlib.

Online Web Services Management System | *GitHub* — *Jul 2021 – Dec 2021*
- The project summarizes that the customer would seek service, and the admin would send technicians.
  Technology Used: - HTML, CSS, MYSQL, PHP.

Inventory Management System | — *Jan 2021 – May 2021*
- Architected a comprehensive inventory management system using Python tools. Designed a user-friendly front end with Tkinter and integrated it with the SQLite database.
  Technology Used: - Python and SQLite.

OTP login system using Java cryptography | *GitHub* — *Jul 2020 – Dec 2020*
- Developed an essential application for generating OTP on email using a Google SMTP server and SHA-256 algorithm and executed the entire software development life cycle.
  Technology Used: - Java, NetBeans and Cryptography.