SWAGATIKA SAMAL

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~ DATA SCIENCE / DATA ANALYTICS / MACHINE LEARNING ~

Poised to leverage analytical skills towards launching a successful career with a growth-centric organization that seeks an articulate team player committed to supporting organizational objectives

A highly personable, competent, and team spirited professional with diverse experience poised to transition solid background in Human Resource Management to excel in the field of **Data Science and Machine Learning.** However, I am now eager to transition into the field of **Data Science and Machine Learning,** as I am highly passionate about data analytics and leveraging insights to drive meaningful outcomes.

Young, energetic and result-oriented professional offering **3.6 years** of experience in the field of HR Operations.

- ≈ Proficiency in refining and improving data science workflow and processes
- ≈ Expertise in creating chatbots(AgriBot & MovieBot) using different prevalent architecture
- ≈ Proficient in Python, Pandas, Numpy and Machine Learning
- ≈ Familiarity with statistical concepts and methods essential for drawing meaningful conclusions from data
- ≈ Knowledge of statistical tests, probability theory, hypothesis testing, and regression analysis that is valuable in conducting rigorous data analysis
- ≈ Well versed with data manipulation and analysis libraries like Pandas, NumPy, and SQL
- ≈ Good Understanding of how to clean and preprocess data, handle missing values, perform aggregations, and apply statistical methods
- ≈ Successfully created machine learning algorithms that can be applied to address business needs and provide business insights
- ≈ Participate in cutting-edge research in artificial intelligence and machine learning algorithms and applications
- ≈ Define and drive a technical vision and strategies to integrate machine learning algorithms into the existing production system and business decision making processes

CORE COMPETENCIES & SKILLS

Data Science	*Excellent Analytical Skills*
Data Analysis	*Positive Attitude*
Machine Learning	*Quick Adaptability*
Good team player	*Commitment towards work*

TECHNICAL PROFICIENCIES

≈ Python	≈ Machine Learning	≈ SQL
≈ Numpy, Pandas	≈ Deep Learning	≈ Tableau
≈ Matplotlib	≈ NLP	≈ RASA Architecture

ACADEMIC CREDENTIALS

Pursued **M.Tech. (Data Science and Analytics)** from PES University, Bengaluru in **June, 2023**
B.Tech. (Information Technology) from Biju Patnaik University, Bhubaneswar, Odisha in 2009 **with CGPA 7.65**
12th from Angul Govt. College C.H.S.E in 2005 **with 64.22%**
10th from Amarvani School I.C.S.E in 2003 **with 78.33% *(Topper in School)***

ACADEMIC PROJECTS

M.Tech. Projects

Project#1:   **Agribot using RASA Architecture (10/2022 - 02/2023)**
Description: Developing a Chatbot which could be useful in the agriculture industry of India. The bot could converse with the user and identify the intent and entity for which it was trained. The Bot responds to appropriate database responses and shares them with the user. It worked well even for questions which are out of the scope for the Bot's functionality.

Project#2:   **Hackathon based on Startup Company HR attrition**

Project#3:   **Hackathon based on Sunspot count using Forecasting**

Project#4:   **Prediction of airline price using linear regression model**

Project#5:   **Predicting players rating from the IPL database**
Description: Player's performance is predicted in the upcoming match using Tableau and Python. The data contains inning wise performance of the Player along with the weather data, ground attributes, and the opposition team rankings which have been merged together and cleaned up to train the model.

Project#6:   **Creating MOVIEBOT using NLP, Flask and ChatGPT**
Description: While several movie recommendation systems exist out there, they are largely based on previously-collected data and are not equipped to process real-time parameters like current mood.MovieBot is a comprehensive content based movie recommender that engages in an interactive conversation with the user to output the optimal movie suggestion for them.

EMPLOYMENT CONTOUR

SOLAR SECURE SOLUTIONS   **(2023 – Present)**
Intern

LIFE INSURANCE CORPORATION, Frazer Town, Bengaluru   **(2013 – 2015)**
Development Officer

SAMAL AUTO (INDIA) PVT. LIMITED, Angul, Odisha   **(2009 – 2011)**
HR Associate

MEMBERSHIP

- Member of IEEE
- Project conference paper selected for IEEE paper publication (Project Name: AgriBot)

PERSONAL DETAILS

Date of Birth: 16th August, 1988
Languages Known: English, Hindi & Odiya
Location Preference: Bengaluru