SAMIR SENGUPTA

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**EDUCATION**

**KES SHROFF Of Information Technology**  Mumbai, India

Bachelor of Technology (Honors) March 2023

Major in Data Science; Minors in Python and Data Analysis

Cumulative GPA: 9.5/10.0

**REENA MEHTA COLLEGE OF SCIENCE** Mumbai, India

Higher Secondary Education July 2020

**WORK EXPERIENCE**

**DATA SCIENCE** Remote

Let’s Grow More May 2023

* Data preprocessing techniques: Cleaning, transforming, and preparing data for analysis.
* Exploratory data analysis (EDA): Identifying patterns and insights through statistical techniques and visualization.
* Machine learning fundamentals: Understanding supervised and unsupervised learning algorithms.
* Project work and collaboration: Applying knowledge to real-world projects and developing teamwork skills.

**DATA SCIENCE** Remote

Bharat Intern May 2023

* The Data Science Internship at Bharat Intern offered hands-on experience in data science, allowing interns to enhance their skills in the field.
* Interns had the opportunity to work on a minimum of two tasks, which included stock prediction using LSTM, Titanic classification based on various factors, and number recognition using the MNIST dataset.
* The internship required interns to upload their code to GitHub, providing them with a tangible portfolio to showcase their work. Joining the internship group facilitated networking and knowledge sharing among interns, creating a supportive learning environment. Overall, the internship provided practical skills and experience in data science, preparing interns for future endeavors in the field.

**WEB DEVELOPMENT** Remote

Code Alpha June 2023

* Proficiency in HTML and CSS for web page structure and styling.
* Understanding fundamental concepts of JavaScript, including variables, data types, control structures, functions, and DOM manipulation.
* Introduction to popular front-end frameworks/libraries like React, Angular, or Vue.js for interactive user interface development.

**PROJECTS**

**Movie Recommendation System** March 2023

* Built a movie recommendation system using the TMDB API with collaborative or content-based filtering.
* Developed a Streamlit server to deploy and host the movie recommendation system.
* Conducted sentiment analysis using NLP techniques and deployed the application with Streamlit for user interaction and visualization.

**Music Mate: The Song Savior** May 2023

* Built a music downloader using the Spotify API and Python Tube (PyTube) library, allowing users to download songs from Spotify playlists or YouTube videos.
* Developed a Flask backend to handle API requests for downloading songs based on user input.
* Implemented a front-end interface with HTML, CSS, and JavaScript to interact with the music downloader and input Spotify playlist or YouTube video URLs.

**Professional Portfolio** May 2023

* Created a professional portfolio using HTML, CSS, and JavaScript, highlighting my educational background, skills, work experience, and certifications.
* Leveraged GitHub as a version control system to manage and track changes in the portfolio's codebase.
* Hosted the portfolio online, enabling visitors to explore my professional journey, including projects I have completed, skills I have acquired, and certifications I have obtained.

**ADDITIONAL**

**Technical Skills:** Python, SQL, HTML/CSS/JS, Tableau, Power BI, R programming, Machine Learning, Deep Learning, Data Processing.

**Soft Skills:** Collaborative teamwork, Communication, Problem-solving, Attention to detail, Time management, Adaptability, Continuous learning, Critical thinking, Leadership, Analytical thinking.

**Certification**: Blockchain Technology, Power BI, MySQL, Machine Learning, Recommender System, Adobe Photoshop, Advance Excel, Python.