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SAI CHARAN PINUPA
Machine Learning Engineer

Portfolio: saicharan-11.github.io
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Software development professional with experience in Unqork and SQL Server. Consistent in delivering clean, error-free, reliable code to meet current or expected needs. Well-versed in software trends and confident in multiple languages, frameworks and programming tools.

SKILLS

Tools and Languages	Python, SQL, Unqork, PowerBI
Communication	English, Telugu, Hindi

TECHNICAL EXPERIENCE

Senior Member Technical   JUN 2022 — Present
Broadridge Financial Solutions   *Hyderabad, Telangana*

- Developing front-end solutions for financial institutions.
- Participated in pre-project analysis and technical assessments to validate creation of a user-friendly interface.
- Working on the Unqork Platform to Develop a User Interface for banks for cash and security transfers.

Contract Consultant   AUG 2021 — JUN 2022
Broadridge   *Hyderabad, Telangana*

- Broadridge is the leading provider of investor communications, technology-driven solutions, and data and analytics to the financial services industry
- 1 year intern as a part of Masters degree
- Worked on moving the on premise database to AWS, Streaming of data from SQL server to elastic search, Sql Stored procedure for threshold check
- Developed a User Recommendation chatbot for transfer types.

Data Science Intern   AUG 2020 — MAY 2021
Black Coffer   *Delhi, New Delhi*

- Blackcoffer is an India and European Union (Malta) based enterprise software and analytics consulting firm
- Worked on PowerBI and Google Analytics platforms for performing analytics and built dashboards
- Experience on Financial Analytics, Website traffic CTR, Drug Statistics.
- Delivered data-driven insight and novel data solutions through direct client consultation.
- Conducted critical research into changing metrics causes and building a clear understanding of customers, user interactions and trends.

PROJECTS

Sarcasm Detection In Telugu Language
- The Project Aim is to detect whether the sentences are Sarcastic or Non-sarcastic in the Telugu data. Word Embeddings are used to train Deep Learning models like RNN, LSTM and GRU and achieved and accuracy of 90

Car Image Segmentation
- Carvana Car Image Dataset is used to segment the car images. Done different Data Augmentations and trained on the images on the U-net model to Generate the segmentations and achieved and Dice Score of 97

Music Genre Classification
- The Project aims at extracting different features from the audio files and trained on multiple machine learning models to classify the music genre. It is able to classify 8 genres of music with an accuracy of   90

Assessment of datasets using DBSCAN clustering Framework
- Implemented the DBSCAN algorithm to perform clustering and to interpret the task on datasets. The results are visualized effectively and clearly understandable to user by using Deterministic Data mining tool. GUI Framework is developed and produces the promising results on various datasets. Noisy points and points List are also shown in GUI.

EDUCATION

Master of Technology in Artificial Intelligence and Machine Learning, *Indian Institute of Information Technology*	MAY 2022
PG Diploma In Big Data Analytics *CDAC- Chennai*	MAY 2020
Bachelor of Technology, *Prasad V Potluri Siddhartha Institute Of Technology*	MAY 2016
XII in Maths, Physics, Chemistry , *Sri Chaithanya*	MAY 2011
X in Maths, Physics, Chemistry , *Bhashyam Public School*	MAY 2009