A Shriram

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SUMMARY:

Full Stack Developer with expertise in front-end and back-end, also experienced in data science.

TECHNICAL SKILLS:

- **Frontend –** HTML, CSS, JavaScript, ReactJs
- **Backend –** Node.js, Flask
- **Data Science –** Python, Pandas, NumPy, PySpark
- **Database –** MySQL, MongoDB

EXPERIENCE:

Data Scientist – SmartInternz | March 2023 – July 2023

- Create a machine learning-based Parkinson's Disease detection model using Python.
- Integrate the model into a Flask-based website.
- The website will analyse a spiral image to determine if they were drawn by a Parkinson disease patient, displaying a "YES" or "NO" result accordingly.

PROJECTS:

[Link] Galaxy – A Social Media Website
Tech Stack: ReactJs, Tailwind CSS, Sanity.io

- This is a social media web application built with React and Tailwind CSS, using Sanity as a database and Google authentication. The web app allows users to create and share their own boards, as well as view and save other users' boards.

[Link] Sentiment Analysis with NLTKs Vader and Roberta
Tech Stack: Python, NLTK, Pandas, Matplotlib

- The sentiment analysis classifier in this project is trained to predict the sentiment of customer reviews on Amazon. The reviews are classified into positive, negative, or neutral. The project uses two different packages for the sentiment analysis: NLTK's VADER and Huggingface Roberta Transformers. The outputs of the two packages are compared and analysed to understand the differences in the model outputs.

[Link] Parkinson Disease Detection Website
Tech Stack: Python, Flask, ML Models, NumPy, scikit-image

- This project is designed to facilitate the early detection of Parkinson's disease using Python, Flask, machine learning models, NumPy, and scikit-image. By analysing spiral drawings, the system aims to provide a non-invasive and accessible tool for identifying potential symptoms.

EDUCATION:

Vellore Institute of Technology, Bhopal | Bachelor of Technology (B. Tech) | September 2020 to Present