Sri Chandan Chinta

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EDUCATION:

Masters of Business Analytics | University of Utah- CGPA: 4.0 — **Salt Lake City, UT**
Coursework: Database Theory and Design, Statistics and Predictive Analytics, Data Visualization, Bid Data. — Jan 2022 - Present

Bachelors in Electronics and Communication| Jawaharlal Nehru Technological University - CGPA: 3.5 — **Hyderabad, India**
Stochastic theory and Probability, Microprocessor and Microcontrollers, Java, C, C++. — Jun 2015 – Apr 2019

LANGUAGES, KEY SKILLS AND TECHNOLOGIES:

- Python, R, SQL, JavaScript, Java, Machine Learning, Deep Learning, Matplotlib, Natural Language Processing, TensorFlow.
- Pandas, NumPy, Scikitlearn, Seaborn, OpenCV, Django, NLTK, MySQL, PostgreSQL, NoSQL, Airflow, IBM Cognos Analytics
- Tableau, Microsoft PowerBI, Jupyter notebooks, Spyder, PyCharm, Anaconda, Git, Excel, Informatica, IBM DataStage, Talend.

EXPERIENCE:

Software Engineer — **Accenture** — **May 2019-December 2021**

- Conceptualized data pipelines to fetch and transform data from oracle and DB2 sources using ETL tools like IBM DataStage, Talend, Informatica to design sales and bonus reports of the client for performance analysis.
- Developed SQL queries to analyze and address 40% of data discrepancies from various client handles like Finance, Warranty.
- Fostered continuous development and integration as part of DevOps practices following CI/CD for 13+ business report.
- Redesigned 5+ Business Intelligence reports & dashboards for performance improvement with new drill downs and sources.
- Increased the team's work efficiency by reducing the delivery timing of development by 40% by following lean approach. Trained and supervised new resources on the technologies like IBM Cognos, Informatica, and project goals, responsibilities.
- Utilized IBM Cognos Analytics, Tableau to implement ongoing metrics for developing and maintaining 5+ complex reports from warranty, finance sources. Manage the system's stability to experience high-runtime and lowered buffer period by 13%.

Machine Learning Intern — **Magure Softwares** — **Jan 2019 – April 2019**

- Analyzing, building, and deploying Linear Regression, clustering Machine Learning, Deep Learning models for Natural Language Processing, and Computer Vision applications with an average accuracy of 80%.
- Researched and designed 6+ sequential and functional AI models in Python using TensorFlow, Keras, NumPy and Pandas.
- Cleaning and preprocessing the 20 million+ rows of data according to the business requirement and built techniques like exploratory data analytics, dropout layers, and normalizing to enhance the output by at least 10%.

PROJECTS:

Game Day Analytics: — **February 2022**

- Developed analytical dashboards from 19+ million rows with 30+ columns of Twitter data of all the businesses advertised during the Superbowl 2022 using Tableau tool and Matplotlib, Pandas and NumPy packages in Python.
- The data preprocessing was done using Python to discard any nonsensical parts. Recognized outliers for removal and replaced null values with appropriate records considering statistical observations into account for better accuracy.
- The raw data was modified using MySQL and Python to accelerate exploratory and sentiment analysis. Created 5 columns using Python and Tableau for enhanced insights from the data. employed calculated fields to suppress data for need.

Review Classification System — **November 2021**

- Designed a Machine Learning model for sentimental analysis to analyze how successful a product is based on the reviews.
- Fed the cleaned data to a Feed-Forward Neural Network called Multilayer perceptron (MLP) model with 4 hidden layers. The accuracy is improved to 87 percent by adjusting the hyper-parameters and applying the best fit model.
- Improved accuracy by 10% using techniques like normalizing, removing outliers, dropout layers for best possible results.

Automatic attendance system with Face Detection: — **February 2021**

- Used Libraries like OpenCV, TensorFlow, Matplotlib to take the input and intelligently trace multiple faces with 87% accuracy.
- This model was used to trace out faces of the people in the office and record the data in an excel-sheet with timestamp.

Ecommerce Website: — **August 2019**

- Built a general-purpose WordPress-like backend and frontend of e-commerce website in Python and JavaScript using Django, MongoDB, ReactJS. This website fits as a template for real-time projects to cut the development time by 50%.
- The backend uses restful API to handle user and admin logins and multiple products with reviews, orders, and payments.

CERTIFICATIONS AND ACHIEVEMENTS:

- Completed Introduction to Artificial Intelligence, Introduction to Artificial Intelligence, Deep Learning with TensorFlow, Machine Learning Advanced Certification Trainings from SimpliLearn.
- Learnt Deep Learning Fundamentals from a course by IBM.
- Succeed at Data Analytics and Django Developer Boot camps by Skillto.
- Finished hands-On Natural Language Processing workshop by Machine Learning India.
- Presented a paper at SUDHEE'16 on 'Quantum Dots for Cancer Treatment'. Participated in CISCO workshop on 'Importance of Routing and Switching concepts in Data communication and Networking using CISCO packet tracker' and completed the certification on Cisco Networking Academy.