TEJAS POSUPO

University Roll. No – 2021MSBDA031

Master of Science – Big Data Analytics

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CAREER OBJECTIVE

I am currently a final semester student pursuing Master's degree in Big Data Analytics. Technology has always excited me with the potential it had in influencing, the upbringing of a better world around us. I happened to have found my interest in the Data Science stream for its peculiar knack over justifying a working model in any field it performs. This particularly had me eager to learn Data Science. I am sure to be a curious learner and an excellent team player who is looking forward to an integral opportunity at utilizing my working knowledge and technical competencies mastered across *development, data analytics, networking, cloud, operating system and troubleshooting techniques.*

Having worked through projects based on **Python, MySQL, Power BI, JavaScript, HTML, CSS, etc.,** in the interim period and across masters, I am eager to tackle development/design challenges to achieve lasting impacts on user experience that contribute to company growth while concurrently supporting my professional attain.

ACADEMIC PROJECTS

- **Sales Insights – Brick & motor business**
  [Power BI | SQL | | Data Analytics] *(Jan 2023 – Feb 2023)*
  - Designed a Power BI dashboard to understand AtliQ hardware goods sales trend. Their cultural heritage and monuments present in the country.
  - The final dashboard was effective at displaying the sales trend of AtliQ hardware, allowing users to understand the data and make informed decisions.
  - This dashboard could help in increasing the revenue at least by 7% in the next quarter
  - Follow this link **GitHub**

- **Movie Recommendation System**
  [Python | Pandas | Machine learning I NLP | Streamlit] *(Mar 2023 – April 2023)*
  - I have created content based Movie Recommendation system using cosine similarity in which if user search any Movie name then model will predict the most similar five Movie.
  - Data Preprocessing, Data filtering (using rating of the books).
  - Cosine Similarity Technique: Used for calculating distance (angle) between two points.
  - Follow this link **GitHub**

- **Real Estate Price Prediction Project**
  [python | Numpy | Pandas | Matplotlib | SkLearn | Python flask] *(April 2023)*
  - This data science project I have built a real estate price prediction website. First build a model using sklearn and linear regression using Bangalore home prices dataset from kaggle.com..
  - Second step would be to write a python flask server that uses the saved model to serve http requests.
  - Third component is the website built in html, css and JavaScript that allows user to enter home square ft. area, bedrooms etc. and it will call python flask server to retrieve the predicted price. During model building I have cover almost all data science concepts such as data load and cleaning, outlier detection and removal, feature engineering, dimensionality reduction, gridsearchcv for hyper parameter tuning, k fold cross validation etc.
  - Follow this link **GitHub**

EDUCATION

- **Master's Degree – M.Sc in Big Data Analytics** | Central University of Rajasthan, Ajmer | (Nov 2021 – Pursuing)
  Courses: Computer Organization and Architecture, Data Structure and Programming using C, Operating System, Theory of Computation, Database Management System, Object Oriented Programming, Computer Graphics and Visualization, Data Analytics with Python, Digital Image Processing, Design and Analysis of Algorithms, Software Engineering, ICTs in Agriculture, Machine Learning, Problem Solving Methodologies, Complexity Analysis, Introduction to Internet of Things
- **Bachelor's Degree – B.Sc. in Computer Science** | Andhra Kesari Degree College, Rajahmundry, AP
  CGPA 6.72 | (July 2015 – Sep 2020)
  Courses: Computer Fundamentals, Photoshop, Syntax of languages, Data Structures, Database Management Systems, Digital & Analog Electronics, Software Engineering, Cloud Computing, Distributed Systems, Linear and Vector Algebra, Differentiation, Integrals
- **Higher Secondary Education – A.P State Board** | AMG Junior College, Rajahmundry, AP
  Percentage 58.7% | (July 2013 – Apr 2015)
  Subjects: Mathematics, Physics, Chemistry
- **Secondary Education – A.P State Board** | Akshara Sri Smart School, Rajahmundry, AP
  CGPA 8.00 | (June 2011 – Mar 2012)

SKILLS

Languages:	Python, OOP Concepts, DBMS, MySQL, Machine Learning, Deep Learning
Python Libraries:	Pandas, Numpy, Matplotlib, Keras, TensorFlow, Scikit-learn, NLP, CNN
Technologies:	Data Analytics, Networking, AWS, Windows 10, Ubuntu (Linux), Troubleshooting
Web Technologies:	HTML, CSS, JavaScript
Software Tools:	Visual Studio Code, Jupyter, Power BI, Android Studio, Eclipse, Microsoft Office

ACHIEVEMENTS

- **Create a Database with the Modeling Tool in MySQL Workbench** – Certification issued by IBM | COURSERA
- **Language Classification with Naive Bayes in Python** – issued by COURSERA
- **Visualizing Filters of a CNN using TensorFlow** – issued by COURSERA
- **Data Analysis with Python** – issued by COURSERA
- **Python Project for Data Science** – issued by COURSERA

CORE COMPETENCIES

- Ability to effectively articulate technical challenges and solutions.
- Adept at handling ambiguous or undefined problems as well as ability to think abstractly.
- Keen ability and motivation to learn, enter new domains, and manage through ambiguity.
- Thinks strategically and analytically, multitasks and prioritizes.
- Strong work ethics – High level of integrity and moral standards.
- Good communication skills (written and verbal) that reflect structured, clear and objective thinking.

INTERESTS

GAMING WANDERLUST ELETRONICS MOVIEHOLIC