Sai Subramanya Manjunath M

Boston, MA| LinkedIn: Sai Manjunath | manur.sa@northeastern.edu | (857)-445-3723
Website: https://saimmanjunath.com/ | Medium: https://medium.com/@saimmanjunath

As a passionate and Detail Oriented software developer, I have a keen interest in evolving technologies. Deep domain understanding, meticulous requirement analysis, and consistent feedback naturally propel a project and its developer forward.

EDUCATION:

Northeastern University Boston, MA   **Fall 2023-**
Master's in information system's: CGPA (3.89/4)
Relevant Coursework: Program Structures and Algorithms, Application Design and Development, Advanced Data Science, Web Design and User Experience

JSS Academy of Technical Education (JSSATE)   **2016 - 2020**
BE in Computer Science Engineering
Relevant Coursework: Data Structures and Algorithms, Database Managment Systems, Object-Oriented-Programming, Python Programming, Operating Systems, Compiler Design, Embedded Systems, Artificial Intelligence and Machine Learning

---

SKILLS:

Programming Languages: R, Python
DB: MySQL, Postgres, MongoDB.
Libraries: Pandas, NumPy, Scikit Learn, Keras, TensorFlow.
Frameworks: ReactJS, Vue JS, React Native, Angular. Backend: NodeJS, Spring Boot, Flask
DevOps: Jenkins, Kubernetes, AWS Cloud (Amazon Web Services), Nginx, Spark
Tools: Git, PowerBi, Tablue

EXPERIENCE:

Mercedes Benz R and D, Bengaluru Data Scientist/ ML Engineer   **May 2021– Aug 2023**

- ML Model Development: Led the end-to-end development of machine learning models, from data preprocessing and feature engineering to train Models using Deep Learning, Neural Networks and Statistical methodologies
- Statistical Analysis Expertise: Applied statistical techniques to analyze large datasets, extracting meaningful insights and trends to inform data-driven strategies and business decisions
- Data Visualization Mastery: Utilized tools like Tableau and Matplotlib to create compelling visualizations, effectively communicating complex data findings to both technical and non-technical stakeholders
- Big Data Processing: Proficient in handling and processing large-scale datasets using technologies such as Apache Spark, ensuring efficient data processing and analysis
- Optimization and A/B Testing: Conducted A/B testing and optimization experiments to improve model performance and fine-tune algorithms, contributing to data-driven decision-making
- Data Governance and Ethics: Ensured data governance compliance and ethical use of data, implementing policies and practices to safeguard sensitive information and maintain data integrity
- Collaborative Problem Solving: Collaborated with cross-functional teams, including data engineers, software developers, and business stakeholders, to identify and address data-related challenges and develop comprehensive solutions

---

INDEPENDENT PROJECTS:

Project Red-Devil-Revival: Analysis and Prediction for Players in Order to Manchester United:(K-Means, Naive Bayes, Monte Carlo Simulation)

- Analyzed Premier League teams to pinpoint Manchester United's weaknesses.
- Estimated costs for improvements via Monte Carlo simulations on potential market acquisitions

Chat Bot using Natural Language Processing and Deep Learning (TensorFlow, NLP, Flask, Nginx, Jenkins)

- Developed a robust Natural Language Processing (NLP) model employing Bag of Words methodology and Deep Learning techniques to facilitate accurate user input prediction
- Implemented an efficient web scraping module within the underlying architecture to seamlessly retrieve relevant information based on user input

Uber and Lyft Price Predictor based on Weather, Location and Distance (Decision Trees, Regressions , Random- Forest)

- Conceptualized and built an online learning platform
- Empowered various users to publish tutorials and launch courses
- Crafted a user-friendly and responsive UI (User Interface) using React and Web Flask technologies