**SRIKRISHNA SAJJARAO**

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**PROFESSIONAL SUMMARY**

M.Sc. Data Science graduate with a solid foundation in business intelligence, data analysis, and database management. Proficient in Python, SQL, and Excel with hands-on experience in data validation, data preprocessing, and cross-functional collaboration. Skilled in transforming data into actionable insights for strategic decision-making and enhancing data accuracy and quality for business impact.

**EDUCATION**

**MANIPAL ACADEMY OF HIGHER EDUCATION** Manipal, Karnataka

**M.Sc. Data Science** July 2022 - July 2024

Cumulative GPA: 8.113/10.0

Coursework: Statistical Analysis, Machine Learning, Data Engineering, Data warehousing, ETL

**UNIVERSITY OF DELHI** North Delhi, Delhi

**B.Sc. Statistics (Hons.)** Aug 2018 - May 2022

Cumulative GPA: 7.26/10.0

Coursework: Descriptive Statistics, Probability, Statistical Inference

**WORK EXPERIENCE**

**DATA SCIENCE INTERN** Remote, India

ZUMMIT INFOLABS Apr 2024 – Aug 2024

* Collected, cleaned, and pre-processed data from multiple sources, increasing data collection efficiency by 40%.
* Developed and fine-tuned a currency detection model using YOLOv8, achieving 97% accuracy through hyperparameter optimization.
* Built and deployed a FastAPI web app for real-time currency detection, integrating YOLOv8 for seamless model implementation.
* Conducted data quality assurance, ensuring reliable reporting and consistency for data-driven business decisions.
* Collaborated with stakeholders and software engineers to debug the FastAPI app and integrate the model into production, ensuring scalable operations.

**PROJECTS**

**Machine Learning techniques for Classification of Longitudinal data** Jan 2024 -May 2024

* Developed multiple machine learning models (Random Forest, XGBoost, Decision Tree, Nested Tree) for dementia classification using the OASIS-Longitudinal dataset, achieving an accuracy of 88.96% and AUC score of 86.41% with 10-fold cross-validation.

**CERTIFICATIONS**

* **Data Engineering Foundations**, IBM, Coursera | May-Jun 2023
* **Excel Skills for Business**, Macquarie University, Coursera | Nov 2022-Aug 2023
* **Extract Transform Load Data in Power BI**, Microsoft, Coursera |Apr 2024
* **Foundational Certification in Data Science and Programming,** IIT Madras | Sep 2024

**SKILLS**

**Technical Skills**:Python, Pytorch, SQL, FastAPI, Computer Vision

**Domain Skills:** Data Preprocessing, Data Structures, Regression Analysis, Storytelling, Data Visualization, Machine Learning