SRIRAM K

M.Sc Data Science Graduate

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SKILLS

Coding
- Data Structures,C/C++, Python, JavaScript.

Machine Learning
- Tensorflow, Keras, Scikit-learn PyTorch.

Data Analysis
- Pandas,NumPy, Matplotlib, seaborn.

Frontend Technologies
- HTML, CSS, React.js.

Backend Technologies
- Node.js, Express.js.

Databases
- MySQL, MongoDB.

Tools and Technologies
- Git, Vscode, AWS, Linux.

CERTIFICATIONS

- **NPTEL**
  - Machine Learning, Deep Learning, Python for data science.
  - **Topper in Deep Learning NPTEL exam.**
- **Coursera**
  - Python for Everybody
  - Machine Learning Specialization
  - Deep Learning Specialization
- **LinkedIn**
  - Intermediate SQL for Data Scientists

LANGUAGES

English: Professional
Tamil: Native

ABOUT ME

An M.Sc. Data Science graduate with hands-on internship experience, strong analytical and problem-solving skills, effective communication, teamwork, adaptability, quick learning, attention to detail, and excellent time management. Seeking opportunities to contribute to organizational goals and work with real-world data.

EXPERIENCE

Data Analytics Intern | SKILLVERI TRAINING SOLUTIONS Pvt. Ltd

Jan 2024 – April 2024 | Chennai, India

- Led data optimization efforts, handling SQL dump files, crafting impactful visualizations, and automating tasks with Python, enhancing analytical efficiency.
- Engineered Python scripts for streamlined data visualization, significantly boosting workflow scalability and contributing to company success.
- Produced actionable reports, facilitating informed decision-making and playing a pivotal role in company growth.

EDUCATION

M.Sc Data Science | Vellore institute of technology

Sep 2022 – May 2024 | Chennai, India

- GPA: 8.9

B.Sc Computer Science | SRM Institute of Science and Technology

July 2019 – April 2022 | Chennai, India

- GPA: 9.43

PROJECTS

1. Deep Learning:Chest X-ray Image classification |

- Developed and evaluated deep learning models, including DenseNet121 and EfficientNet B1, for lung disease classification from chest X-ray images, achieving competitive performance. Also, designed a custom deep-learning network.

2. Machine Learning: Multiclass Disease Classification |

- Pioneered precise multi-label medical condition classification through advanced feature selection and hyperparameter optimization, reducing the feature set from 133 to 20 while retaining 93 percent accuracy across diverse disease categories, ensuring robust diagnosis.

3. Machine Learning: Delivery Time prediction |

- Machine Learning-based Prediction System for Food Delivery time (Conducted comprehensive exploratory analysis on historical data, encompassing data preprocessing, visualization, and model development. Employed various models, including Linear, k-NN, Ridge, Lasso, and Random Forest Regression, with Random Forest Regression achieving the highest accuracy at 89 percent. Additionally, designed and implemented an ensemble regressor for advanced predictive modeling).