Kuraba Satheesh

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Professional Summary

Passionate Data Science and AI Enthusiast with expertise in **Machine Learning, Deep Learning, and Data Analytics**. Proficient in **Python, Java, MySQL**, and skilled in **Pandas, NumPy, Scikit-learn, TensorFlow**. Experienced in **ML models, Data Visualization, and Real-time Data Processing**. Skilled in **Power BI** for analytics and **Git, GitHub** for version control.

Education

B.Tech in Computer Science and Engineering
Rajiv Gandhi University of Knowledge Technologies
CGPA: 8.5/10
SSC
AP Model School Dharmavaram
Marks: 570/600

Pre-University Course (MBIPC)
Rajiv Gandhi University of Knowledge Technologies
CGPA: 9.71/10

Technical Skills

- **Languages/Libraries:** Python, Java (DSA), FastAPI, Pandas, NumPy, Scikit-learn, TensorFlow, Seaborn, Matplotlib, MySQL
- **Achievements:** LeetCode 50 Days SQL, HackerRank Basic SQL, Intermediate SQL, **5-Star SQL (HackerRank)**
- **Data Science:** Data Analysis, Data Visualization (Power BI), ML Algorithms, Deep Learning, Transformers
- **Tools:** Excel, Power BI, VS Code, Git, GitHub

Projects

Facial Recognition System using FaceNet and FastAPI

- Developed a facial recognition model using **FaceNet** for feature extraction and **Support Vector Classifier (SVC)** for high-accuracy face classification (ongoing).
- Built a scalable backend with **FastAPI**, ensuring real-time facial recognition with low-latency processing (completed).
- Integrated **MongoDB** for secure and efficient storage of facial embeddings, enabling fast retrieval and scalability.
- Contributed to backend development, API design, and system integration to ensure a seamless deployment.

SMS Spam Detection using NLP

- Built a machine learning model for spam classification using **Python** and **Natural Language Processing (NLP)**.
- Applied **TF-IDF** for feature extraction and trained a **Multinomial Naive Bayes** classifier, achieving high accuracy.

Coffee Quality Analysis Dashboard using PowerBI

- Designed an interactive **PowerBI** dashboard to analyze coffee quality based on the **CQI dataset**.
- Identified key quality factors, processing methods, and defect impacts using **data visualization** and **statistical analysis**.
- Improved data-driven decision-making for coffee growers and quality analysts.

Certifications

- **Data Science Certificate by odin school** - View Certificate

Extracurricular Activities

- Active member of **SRC**, a coding club in the department.
- Passionate about **Cricket, Movies, and Continuous Learning**.
- Active member of **NSS**, contributing to community service.