NAMBURI SAI BALAJI

Data Scientist

My Contact

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Nandigama,Andhra Pradesh,India

https://saibalaji-n.github.io/Sai-Balaji-Portfolio.github.io/

Hard Skill

- Python (Numpy,Pandas,FastAPI)
- SQL
- Data Visualization (Matplotlib,Seaborn,PowerBI and Excel)
- Machine Learning (Sklearn,Tensorflow)
- Natural Language Processing (NLTK,Spacy,Transformers)
- Computer Vision basics (OpenCV,Mediapipe)
- Generative AI

Soft Skill

- Communication
- Critical Thinking
- Problem-Solving
- Collaboration
- Adaptability

Education Background

- Saveetha School of Engineering

  Btech in Artificial Intelligence and Machine Learning

  2021-2025

- Sri Chaitanya Jr.Kalasala

  Intermediate in MPC

  2019-2021

About Me

I'm Namburi Sai Balaji, an enthusiastic individual with a strong drive to become a Data Scientist. I enjoy exploring new technologies, gaming, and indulging in music during my leisure time. Committed to continuous learning, I actively seek opportunities to enhance my skills and knowledge in data science. Additionally, I thrive in challenging environments and am dedicated to achieving my career goals through hard work and perseverance.

Projects

Machine Translation

Key responsibilities:

- Implemented machine translation algorithms for language learning projects.
- Conducted research to improve translation accuracy and efficiency.
- Collaborated with peers to understand language requirements and cultural nuances.

Text Generation

Key responsibilities:

- Developed text generation models for creative writing projects.
- Automated content creation processes for academic assignments.
- Fine-tuned language models to generate coherent and contextually relevant text.

Hand Gesture Recognition

Key responsibilities:

- Developed and implemented computer vision algorithms for hand gesture recognition.
- Preprocessed and analyzed image data to detect and classify hand gestures accurately.
- Optimized deep learning models for real-time gesture recognition in video streams.
- Validated model performance through testing with diverse hand gestures and environmental conditions.

Malaria disease image classification

- Key responsibilities:
- Implemented machine learning algorithms for malaria cell classification.
- Preprocessed and analyzed medical image data to identify infected cells.
- Optimized classification models for accuracy and sensitivity.

Languages

- English
- Telugu
- Hindi