Bhubaneswar, Odisha, India, 754005

MONALISA BURMA

(+91) 9556519480
monalisaburma@gmail.com
GitHub; LinkedIn; Personal Portfolio

PROFESSIONAL SUMMARY

Eager to delve into data science, AI, and machine learning, armed with robust analytical and programming skills. Ready to unlock insights from complex datasets and contribute to organizational success in the evolving world of data-driven innovation. Prepared to apply adaptive problem-solving abilities and a growth mindset to drive businesses forward.

SKILLS

- **Technologies:** Machine Learning, Deep Learning, Artificial Intelligence, Feature Engineering, Natural Language Processing, Statistics, LLM , Generative AI, Exploratory Data Analysis, MS Excel, Streamlit
- **Data Visualization:** Matplotlib, Seaborn, Tableau | **Cloud Platform:** GCP
- **Python packages:** Scikit-Learn, TensorFlow, Keras, NumPy, Pandas, OpenCV
- **Databases:** SQL, MongoDB, Cloud SQL | **IDEs:** Jupyter Notebook, Google Colab, VS Code

WORK EXPERIENCE

Feynn Labs [Machine learning Intern] (Dec 2023 – Jan 2024) https://github.com/monalisaburma/Feynn-Labs

- Conducted market segmentation analysis for the Indian electric vehicle market, providing nuanced insights for stakeholders and contributing to strategic decision-making.
- Engineered an ai-powered mental health prediction app using SVM algorithm, allowing for early insights into mental health status and proactive measures.

NullClass [Data Science Developer Intern]   (Jan 2024 – Feb 2024)

- Explored emotion detection models, integrating voice tone analysis and developing a practical voice emotion detection model using machine learning techniques.
  Link: https://github.com/monalisaburma/voice_emotion_detection
- Mastered CNNs for drowsiness detection, implementing facial landmarks integration, dataset curation, and real-time monitoring with computer vision.   **Link: https://github.com/monalisaburma/Drowsiness_Detection**

Radicalx   [AI Engineer Intern]   (Dec 2023 – April 2024)

- Led the development of a robust resume parsing system, utilizing NLP techniques to extract information from various resume formats and align with industry standards.
  Link:- https://github.com/RadicalX-Interns/AI-Resume-Coach

PERSONAL PROJECT [STREAMLIT-BASED TRAVEL PLANNER]

Project Link: **https://github.com/monalisaburma/Travel_planner**
Streamlit app link: **https://travelplan-journeygenius.streamlit.app/**
Developed dynamic daywise itineraries using Streamlit and OpenAI's language model, showcasing proficiency in python, natural language processing, and user interface design.

MINOR PROJECTS

Custom object detection https://github.com/monalisaburma/object-detection

- Developed a TensorFlow-based model for detecting and localizing custom objects in images and videos.
- Leveraged GPU acceleration for efficient model development and optimization. Utilized deep learning techniques and hyperparameter optimization for enhancing model performance.

Stock market forecasting https://github.com/monalisaburma/stock-market-forecasting

- Developed an LSTM-based model for forecasting 30 days of future stock prices by leveraging historical data and technical indicators. Optimized performance through hyperparameter tuning, showcasing expertise in deep learning for financial analysis.

EDUCATION

B.Tech – Mechanical Engineering (May 2019 - May 2023) | CGPA: 8.79
IGIT Sarang, Odisha

LANGUAGES

English, Hindi, Odia