ASHISH DUBEY

DATA SCIENTIST

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EDUCATION

2023 - 2027

K R MANGALAM UNIVERSITY

- B.Tech C.S.E (AI&ML)

2015 - 2022

B B SK PUBLIC SCHOOL

SKILLS

- **Programming:** Python,R, SQL,Java
- **Machine Learning:** scikit-learn, TensorFlow, Keras, PyTorch.
- **Deep Learning:** Neural Networks, CNN, LSTMs, NLP.
- **Big Data & Analytics:** Pandas, NumPy, Spark, Hadoop.
- **Data Visualization:** Matplotlib, Seaborn, Power BI, Tableau.
- **Model Deployment:** Flask, FastAPI, Docker, AWS, Google Cloud.
- **Database Management:** MySQL, MongoDB, PostgreSQL
- **Version Control:** Git, GitHub
- **Others:** Feature Engineering, Hyperparameter Tuning, EDA, Model Evaluation, A/B Testing

LANGUAGES

- English: Fluent
- Hindi: Native

PROFILE

Aspiring Data Scientist with expertise in **Python**, **SQL**, and **TensorFlow**. Developed models improving **lead classification by 20%** and **ISL recognition accuracy to 90%**. Skilled in **EDA, feature engineering, and hyperparameter tuning** to optimize model performance. Passionate about leveraging AI to solve real-world problems through data-driven insights.

EXPERIENCE

Machine Learning Intern

Apr 2024 – Jun 2024

- Developed a predictive model for diabetes detection, **achieving 85% accuracy** using **Random Forest** & **Logistic Regression**.
- Optimized a **lead scoring model**, improving lead **classification by 20%** through **feature engineering.**
- Deployed machine learning models using **Flask & FastAPI** for real-time predictions.

PROJECTS

ISL Gesture Recognition System

- Built an AI-powered **real-time sign language recognition system** using **CNN+LSTM**.
- Achieved 90% accuracy in Indian Sign Language (ISL) gesture classification.
- **Tech Stack:** TensorFlow, OpenCV, Flask, LSTM.

Travel Chatbot

- Created an AI-powered chatbot for travel recommendations and itinerary planning.
- Implemented NLP and sentiment analysis, improving response accuracy by 35%.
- **Tech Stack:** Python, NLP, Flask, React, OpenAI API.

REFERENCE

Available upon request