AKASH JHA
Data Scientist & AI/ML Engineer

PROFILE

I am a Data Science & AI/ML enthusiast with a strategic mindset, focused on problem-solving, detail-oriented and a great collaborator with strong foundation in Computer Science and mathematics. I am Skilled in Machine Learning, Deep Learning, Natural Language Processing (NLP), Generative AI, Large Language Models (LLMs), MLOps, Statistics, Python, R, SQL, Tableau, Power BI, and Advance Excel.

TECHNICAL SKILLS

- **Languages:** Python, R, SQL
- **BI Tools:** Tableau, Power BI
- **Libraries:** NumPy, Pandas, Scikit-Learn, PyTorch, TensorFlow, Seaborn, Matplotlib, OpenCV, NLTK, spaCy, Streamlit, FastAPI.
- **ML Algorithms:** Linear Regression, Logistic Regression, Classification, K-Nearest Neighbors (KNN), Decision Tree, Random Forest, Support Vector Machine (SVM), K-Means Clustering, Hierarchical Clustering,
- **Neural Networks:** CNN, RNN, LSTM, Transformers.
- **GenAI/LLMs:** Langchain, Llama, Llamaindex, Hugging Face.
- **Tools:** Git, GitHub, Anaconda, Jupyter Notebook, MySQL, XAMMP, Google Sheet, ETL, Looker Studio, Google Colab, PyCharm, Spyder, Weka, RStudio, VS Code, MS Office (Word, Advance Excel, PowerPoint).

WORK EXPERIENCE

Zidio Development
Sep 2024 - Dec 2024
Data Science & Analytics Intern

- Developed **"Face Punching Attendance System"** and deployed on streamlit public cloud. It ensures seamless, contactless, and secure attendance tracking.
- Designed to streamline workforce management, this system integrates real-time attendance logging with advanced data analytics to provide insightful productivity trends and performance metrics.

Bharat Intern
Jun 2024 - Jul 2024
Machine Learning Intern

- Developed an **"AI-Powered Task Optimizer"** application to enhance workplace productivity and employee well-being by analyzing emotions through text, speech, and facial expressions. The system provides real-time emotion detection, personalized task recommendations, and stress management insights, fostering a healthier and more empathetic work environment.

Osis Infobyte
Apr 2024 - May 2024
Data Science Intern

- Developed *"Movie Recommender System"* and deployed in production on Hugging Face website. This is a content-based movie recommender system uses cosine similarity and provides the top 5 most similar movies based on content similarity.

CERTIFICATIONS

- Machine Learning for Data Science & AI: Beginner to Advanced - Codebasics
- Python for Data Science - IBM
- BCG Data Science Virtual Internship - BCG
- Google Analytics - Google
- Oracle Cloud Infrastructure 2023 AI Certified Foundations Associate - Oracle
- R for Data Science: Analysis and Visualization - LinkedIn
- Recognized as a **Star Performer** of Oasis Infobyte's Data Science Internship

CONTACT

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EDUCATION

2022 - 2024
RAJIV GANDHI PROUDYOGIKI VISHWAVIDYALAYA
- Master of Computer Application (MCA)
- GPA: 8 / 10

2017-2020
JIWAJI UNIVERSITY
- Bachelors
- GPA: 6 / 10

SKILLS

- Problem-Solving
- Critical Thinking
- Effective Communication
- Storytelling
- Time Management
- A/B Testing
- Prompt Engineering
- Generative AI (GenAI)
- LLMs

LANGUAGES

- English (Fluent)
- Hindi (Native)