AKASH JHA

[GitHub](#) | [Portfolio](#) | [LinkedIn](#) | Phone: +91 8819990390 | Email: iamakashjha@icloud.com | Greater Noida, UP

Summary:

- An AI/ML enthusiast with strong CS and mathematics background, proficient in Machine Learning, Deep Learning, Python, R, SQL, Advance Excel, Tableau, Power BI, and PowerPoint. I have hands on experience working with real-time data (in millions) and built **End-to-End AI/ML Models** from building to deployment.

Education:

- **Master of Computer Applications (MCA) - Computer Science & Engineering**   *Jul 2022 - Jun 2024*
  Maharana Pratap College of Technology, Gwalior

- **Diploma in Computer Applications (DCA) - Computer Science**   *Jul 2020 - Jun 2021*
  Makhanlal Chaturvedi National University, Bhopal

Key Skills:

Data Collection	Data Mining & Analytics	A/B Testing
Data Cleaning	Feature Engineering	Model Building
Data Preprocessing	Data Visualization	Model Training
Data Munging	Hypothesis Testing	Model Deployment

Projects:

Face Punching System - [Link](#)

- The Face Punching System is an advanced facial recognition-based employee attendance system that streamlines attendance tracking and offers insightful data analysis to improve workforce management. This is a computer Vision project, and used technologies are Python, OpenCV, KNN, Streamlit, NumPy, Visual Studio Code, and GitHub.

Movie Recommender System - [Link](#)

- Developed an end-to-end content-based movie recommender system using a Kaggle dataset of 5000 movies. Conducted extensive data preprocessing and feature engineering, created tags for each movie, and transformed them into vectors. Leveraged cosine similarity to measure the likeness between movies and recommend the top 5 movies. Used NumPy, Pandas, Scikit-Learn, NLTK, and Streamlit to streamline the recommender system's functionality and user interface.

AI-Powered Task Optimizer -

Experience:

Data Science & Analytics Intern | Zidio Development   *October 2024 – Present*

Data Science Intern | CodSoft   *Sept 2024 – Oct 2024*

Machine Learning Intern | Bharat Intern   *June 2024 – July 2024*

Data Science Intern | Oasis Infobyte   *April 2024 – May 2024*

Technical Skills:

Language:	Python, HTML, R, SQL
Tools:	MySQL, Tableau, Power BI, Looker Studio, Jupyter Notebook, Google Colab, Spyder, Weka, PyCharm, Rstudio, Git, GitHub, VS Code, MS Office (Word, Advance Excel, PowerPoint).
Libraries & Frameworks:	NumPy, Pandas, Matplotlib, Scikit-learn, PyTorch, Vaex, Seaborn, Statsmodel, PySpark, Mysql.connector, OpenCV, BeautifulSoup, Gradio, Flask.
AI/ML:	Linear Regression, Logistic Regression, KNN, Decision Tree, Random Forest, SVM, K-Means.
Deep Learning:	Convolutional neural networks (CNN), Recurrent neural networks (RNN), GenAI.
Cloud Platforms:	AWS SageMaker, Google Cloud (GCP)
Mathematics:	Statistics, Probability, Linear Algebra, Calculus, and Matrices.

Certifications & Achievements:

1. **Recognized as a Star Performer of AICTE Oasis Infobyte's Data Science Internship - for exceptional dedication and outstanding contributions.**

2. Python for Data Science - IBM
3. Data Visualization with Python - IBM
4. Data Analysis with Python - IBM
5. BCG Data Science Virtual Internship - BCG
6. Data Analytics and Visualization Virtual Internship - Accenture
7. Google Analytics - Google
8. Oracle Cloud Infrastructure 2023 AI Certified Foundations Associate - Oracle
9. R for Data Science: Analysis and Visualization - LinkedIn
10. Data Science Mentorship Program - CampusX