AKASH JHA

[LinkedIn](#) | [Portfolio](#) | [GitHub](#) | iamakashjha@icloud.com | **+91 8130968909 | Sector 45, Gurugram, HR**

A data enthusiast with a strategic mindset that focuses on problem-solving tasks. I am a great collaborator and detail-oriented individual with a strong Computer Science and Mathematics foundation. I am Skilled in **Machine Learning, Python, R, SQL, Tableau, Power BI, Advanced Excel, and PowerPoint.** I seek to contribute to innovative projects that drive impactful solutions in real-world applications.

EDUCATION:

- **Advanced Certification in Data Science & AI** *Jan 2025 - Present*
  Indian Institute of Technology – IIT, Guwahati
- **Master of Computer Applications (MCA) - Computer Science & Engineering** *2022 - 2024*
  Maharana Pratap College of Technology, Gwalior

KEY SKILLS:

- Excellent Communication
- Critical Thinking
- Problem-Solving
- Storytelling
- Predictive Modeling
- Data Cleaning
- Data Preprocessing
- Data Visualization
- Hypothesis Testing
- A/B Testing
- Data Analytics
- Feature Engineering
- Model Building/Training
- Model Deployment
- Prompt Engineering
- Machine Learning

TECHNICAL SKILLS:

- **Languages:** Python, R, SQL.
- **BI Tools:** Tableau, Power BI
- **Libraries/frameworks:** NumPy, Pandas, Matplotlib, Seaborn, Scikit-learn, PyTorch, TensorFlow, SciPy, Statsmodel, Streamlit, BeautifulSoup, and Gradio.
- **AI/ML:** Regression, Classification, Logistic Regression, KNN, Decision Tree, Random Forest, SVM, K-Means Clustering.
- **Cloud Platforms:** AWS SageMaker, EC2, S3
- **Other Tools:** Anaconda, Jupyter Notebook, Google Colab, PyCharm, Spyder, Weka, RStudio, VS Code, MS SQL Server, MySQL, Git, GitHub, MS Office (Word, Excel, PowerPoint), Google Sheet.
- **Mathematics:** Statistics, Probability, Linear Algebra, Calculus, and Matrices.

EXPERIENCE:

AnalytixLab, Gurugram, HR **Jan 2025 - Present**
Trainee Data Scientist

- Collecting data, cleaning and preprocessing data using Python and Excel, and performing Exploratory Data Analysis (EDA) and statistical analysis. Building and testing different Machine Learning models from the Scikit-learn library.
- Create dashboards for KPI measurement and evaluation using Power BI, extract data from the database using SQL, and collaborate with cross-functional teams to support decision-making. Documenting data project workflow, methodologies, and key findings.
- Using MS SQL Server for querying and extracting data from databases.

Data Science & Analytics Intern @ Zidio Development **Oct 2024 – Dec 2024**
Machine Learning Intern @ Bharat Intern **Jun 2024 – July 2024**
Data Science Intern @ Oasis Infobyte **Apr 2024 – May 2024**
Machine Learning Intern @ Internship Studio **Jan 2024 – Feb 2024**

PROJECTS:

Face Recognition-Based Attendance System - [Link](#)

- This advanced facial recognition-based employee attendance system streamlines attendance tracking and offers insightful data analysis to improve workforce management. This is a Computer Vision project.
- Used Tech Stack: Python, Scikit-Learn, OpenCV, KNN, Streamlit, NumPy, Visual Studio Code, Git, and GitHub.

Movie Recommender System - [Link](#)

- Developed an end-to-end content-based movie recommender system using a Kaggle dataset of 5000 movies. Used Natural Language Processing (NLP), 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 Tech Stack: NumPy, Pandas, Scikit-Learn, NLTK, Streamlit, Hugging Face, Git, and Github.

CERTIFICATIONS & ACHIEVEMENTS:

- Star Performer of AICTE Oasis Infobyte's Data Science Internship - for exceptional dedication and outstanding contributions.
- Machine Learning for Data Science & AI: Beginner to Advanced – **Codebasics.io**
- Python for Data Science - [IBM](#) | BCG Data Science Virtual Internship - [BCG](#)
- Data Analytics and Visualization Virtual Internship - [Accenture](#)
- Google Analytics - [Google](#)

- Oracle Cloud Infrastructure 2023 AI Certified Foundations Associate - [Oracle](#)
- R for Data Science: Analysis and Visualization - [LinkedIn](#)