Alka Singh
Data Scientist

Contact Details:
📞 8588983266; 9654133444

✉️ alkasingh04aug@gmail.com

🏠 Noida

LINKS:
Github: https://github.com/Alkasingh04

LinkedIn: https://www.linkedin.com/in/alka-singh-074128279/

SKILLS:
TECHNICAL SKILLS:
- SQL
- Python (NumPy, Pandas, MatplotLib, Seaborn, Scikit- learn, NLTK, SpaCy etc.)
- Tensorflow and Keras
- Machine Learning
- Artificial Intelligence
- Deep Learning
- Natural Language Processing
- Microsoft Office PowerBI

SOFT SKILLS:
- Effective time management
- Leadership
- Excellent Communication Skill
- Ability to work under pressure
- Adaptability

EDUCATION:
B.TECH : SRMCEM; Lucknow

CERTIFICATIONS:
- Advance Certification in AI and Data Science
  IIT; Madras
- Certification in NLP with Generative AI (Pursuing)

LANGUAGES:
- English
- Hindi

Profile:
An accomplished Data Scientist with 4+ years of hands-on experience in data preprocessing, machine learning algorithms, and artificial intelligence (AI). Adept at gathering, cleaning, and organizing complex datasets for both technical and non-technical stakeholders. Possesses advanced proficiency in statistical analysis, algebraic techniques, and other analytical methods to derive actionable insights. Proven ability to design and implement data-driven solutions, and skilled at transforming raw data into valuable insights to inform decision-making across business functions.

Work Experience:

Data Scientist   Aug 2020-Present
Billfree Labs Pvt. Ltd.

Responsibilities:
As a Data Scientist in Bills Free Labs Pvt, my responsibilities include:

1. Conducting data analysis to extract insights and identify trends from large datasets.
2. Developing predictive models and machine learning algorithms to solve business problems and optimize processes.
3. Collaborating with cross-functional teams to understand business requirements and translate them into data-driven solutions.
4. Communicating findings and presenting insights to stakeholders in a clear and understandable manner.
5. Staying updated on the latest advancements in data science and incorporating new methodologies and technologies into projects.

PROJECTS:
1. Restaurant Review Project: Based on NLP (Sentiment Analysis) Implemented an end-to-end Restaurant Review Project in Python, leveraging libraries such as NumPy, Pandas, Matplotlib, Seaborn, SciKit-learn, NLTK, and SpaCy. Developed a model using various algorithms to analyze reviews and extract insights. Collaborated with cross-functional teams to integrate model recommendations and successfully deployed the solution on the AWS platform.

2. Retail Operations Project: Optimized retail operations in some sector using the ML model to enhance inventory management and boost revenue. Conducted data pre-processing and feature engineering with Python libraries like NumPy, Pandas, and SciPy. Applied time series analysis with the ARIMA model from the StatsModels library.

3. Restaurant Revenue Project: The Restaurant Revenue Project involves predicting the revenue of restaurants using various data science techniques. Key libraries utilized include Pandas for data manipulation, NumPy for numerical computations, Matplotlib and Seaborn for data visualization, and Scikit-learn for implementing machine learning models. These libraries collectively help in effectively analyzing the data and building predictive models.

4. Credit Card Fraud Detection: Executed an end-to-end implementation of a Credit Card Fraud Detection system in Python, Developed and deployed machine learning models using various algorithms to enhance detection accuracy. Collaborated with cross-functional teams to integrate model recommendations into operational processes.

Assistant Professor   Aug 2007 - Nov 2013
Amity University