Sameer Rizvi

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EDUCATION

JP Institute of Engineering & Technology, Meerut, UP   July 2023 –**Pursuing**
Bachelor of Technology in Computer Science and Engg. Affiliated to AKTU.

TECHNICAL SKILLS

Languages: C, Python
Libraries/Tools: Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn, Power BI, TensorFlow
Frameworks: Django (for API), React.js (for UI), Flask
Databases: PostgreSQL, MongoDB
Cloud: AWS, Heroku, Netlify
Tools: Git, GitHub, Postman, VS Code, Jupyter, PyCharm
Core CS: Data Structures, Algorithms, OOPs, SQL, OS & CN

PROJECTS

Customer Segmentation (K-Means, Analytics)

- Segmented e-commerce customers with unsupervised learning.
- Generated insights using visualization for business decisions.

Resume Review Tool (NLP, ML)

- Built an NLP system to analyze resumes & extract skill sets.
- Automated improvement suggestions using text classification.

HR Chatbot (Flask, NLP, APIs)

- Developed an AI chatbot for HR query handling.
- Integrated conversational interface & deployed on web.

Vendor Performance Analytics (ML, Dashboarding)

- Analyzed vendor KPIs: delivery time, defect rate, cost efficiency.
- Built predictive scoring + interactive dashboards for procurement.

Sales Intelligence & Forecasting System (Time Series, BI)

- End-to-end sales forecasting & profitability analysis pipeline.
- Used Prophet for time-series trends, seasonality & anomaly detection.
- Automated revenue estimation workflows & BI dashboards for strategy.

CERTIFICATIONS

- **AI** Research Summit & Introduction to Data **Analytics** & **AI** , **ML** & Responsible **AI** – **IIT** Roorkee / IndiaAI
- **Google** GDG – Solution Challenge , **ML**flow **Model** Training & **Generative** AI
- **IBM** Python for **Data Science &** Data **Analysis** With Python & **R** for Data Science
- **Microsoft** AzureML & AWS Basic **Machine Learning**, Basic **Data Engineer**, Basic **Cloud**

PROFESSIONAL EVENTS & COMMUNITY ENGAGEMENT

- Participated in **AI, web**, database **meetups** & **Summit, hackathon, workshops** (GDG, Django, ServiceNow) etc.