Jakir Husain Luhar

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➤ B.Tech in Computer Science, Engineering College Bikaner, 2017-2021 - 75%

Professional Summary

- Highly motivated and detail-oriented data engineer and scientist with 3+ years of experience in designing, developing, and deploying data-driven solutions using Python, SQL, and various machine learning algorithms.

Skills

- **Programming Languages:** Python (Advanced), SQL
- **Databases:** PostgreSQL, Snowflake, MySQL, MongoDB
- **Libraries & Frameworks:** Pandas, NumPy, Scikit-learn, OpenCV, Streamlit, SQLAlchemy
- **Machine Learning:** EDA, Hypothesis Testing, Polynomial & Logistic Regression, Naive Bayes, SVM, Decision Tree, Random Forest, Recommendation Systems
- **Deep Learning & Sequence Models:** ANN, CNN, RNN, GRU, LSTM, Encoder-Decoder, Sequence-to-Sequence Models, Attention Mechanism, Transformers, Time Series Prediction, NLP
- **Large Language Models & Generative AI:** LLMs, Prompt Engineering, LangChain, Hugging Face, Groq
- **Web Scraping & API Tools:** Selenium, Playwright, Beautiful Soup, Requests, Scrapy, Postman
- **BI & Visualization Tools:** Google Data Studio, Tableau, Power BI
- **AutoML & Cloud Platforms:** Google Vertex AI, BigQuery
- **Customer Engagement Platforms:** CleverTap, WebEngage

Work Experience

Data Engineer - Alternative Path Pvt. Ltd., Gurgaon (Dec 2023 - present)

- Developed and maintained data pipelines to ingest data from diverse sources including web scraping (APIs and HTML), third-party vendors via Amazon S3, and email attachments.
- Transformed, cleaned, and loaded structured and unstructured data into databases such as PostgreSQL and Snowflake using SQLAlchemy and Python-based ETL processes.
- Performed downstream data enrichment including sentiment analysis, timestamp comparison, and extracting key insights using custom logic and NLP models.
- Automated the distribution of processed data and insights to portfolio managers via email (HTML tables using great_tables) and S3 bucket integration.

Data Scientist - WitZeal Technology Pvt. Ltd., Gurgaon (Oct 2022 - Nov 2023)

- Created a Retention Engine using clustering (K-Means with PyCluster) and bonus allocation logic.
- Developed fraud detection algorithms to prevent abuse of cashback bonuses using behavioral pattern recognition in Python.
- Built Funnels on CleverTap to track and improve user conversion flows.

Data Scientist - Voosh Food Tech Pvt. Ltd., Bangalore (Oct 2021 - Oct 2022)

- Built a Menu Engineering algorithm using Levenshtein Distance and NLP.
- Designed ETL pipelines using Selenium and Python to collect data from multiple sources.
- Applied Naive Bayes for Cuisine Classification and Apriori Algorithm for combo analysis.

Projects

- **AI School Management (ASM)**: Built automated attendance and AI-enabled library system using OpenCV & Deep Learning.

- **AI Video Processing (AVP)**: Web app for background/foreground estimation, panorama stitching, and document scanning.
- **Diet Planer with AI**: Python-based web application that uses GROQ and Streamlit to generate personalized diet plans.
- **Resume builder using AI**: Smart resume generator that builds customized resumes based on LinkedIn job descriptions and your experience using AI.

Certifications

- Machine Learning - Internshala
- Python (20+ Projects) - Udemy
- Deep Learning - Udemy

Achievements

- Finalist - TechGig Code Gladiators
- 1st Rank - Analytics Vidhya Challenge by Internshala
- 1st Rank - College Wall Decoration Competition

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