

DANISH RAZA
BACHELOR OF TECHNOLOGY – COMPUTER SCIENCE

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CAREER SUMMARY

Adaptable Data Professional with strong skills in **Python, SQL, data analysis, and reporting**. Proficient in **Numpy and Pandas** for data preparation, transformation, and building insights from large datasets. Experienced in creating **interactive dashboards (Power BI)**, automating reports, and integrating data from multiple sources. Exposure to **RESTful APIs** and **web scraping techniques** for data collection and enrichment. Possess a **good understanding of cloud platforms (AWS/Azure)** and how they support modern data engineering workflows. Skilled in **requirement gathering, stakeholder collaboration, and problem-solving**, with a proven ability to translate complex data into actionable insights that support business decisions.

SKILLS AND STRENGTHS

Python | SQL | Data Analytics | Numpy | Pandas | Power BI | Data Visualization | Data Cleaning & Transformation | Fundamentals of Data Warehousing | Data Integration | RESTful APIs (Exposure) | DBMS (SQL) | Core Java | MongoDB | Machine Learning (Model Building & Validation – Basics) | Web Scraping | Cloud Platforms (AWS/Azure – Good Understanding) | Git/GitHub

INTERNSHIP

Successfully completed 6-month internship program at LLMate Kairos labs pvt.ltd as an AI/ML data Analyst. Some of the areas of focus are below,

- Gathered and documented requirements to understand business needs and project objectives.
- Built and cleaned datasets using **Python (Numpy, Pandas)** to improve data quality, model accuracy, and reporting reliability.
- Conducted exploratory data analysis and created **visualizations** to identify trends and insights.
- Wrote **SQL queries** to extract, validate, and prepare data for analysis.
Developed **interactive Power BI reports** to support data-driven decision-making.
- Supported the development and testing of **machine learning models** for business process improvement.
- Automated routine data preparation tasks and gained exposure to **RESTful APIs**

PROJECT

CKD Risk Prediction using Machine Learning (Python, SQL)

- Collected and prepared patient health data (**age, blood pressure, sugar levels, lab values**) for analysis.
- Cleaned and processed the dataset with **Pandas and Numpy**, handling missing values and converting categorical text into numerical format.
- Trained different machine learning models (**Logistic Regression, Random Forest, SVM**) to classify patients as “CKD risk” or “no risk.”
- Evaluated model performance and improved accuracy using parameter tuning.
- Focused on reducing false negatives to make sure patients at risk are not missed.

Spam Ham Detector using Python.

- Implemented data collection procedures to gather and label emails as spam or ham.
- Utilized various machine learning algorithms (**Naive Bayes classifier, Random Forest**) for model training to accurately classify emails.
- Used preprocessing techniques like, **Tokenization, Stemming, Stop word removal**.
- Ensured data privacy and minimize misclassification risks.

Social Media Application using MERN stack.

- Designed the application frontend structure using **HTML, SQL**, styled with **CSS** and Tailwind CSS for dynamic user interfaces in React.
- Integrated backend functionalities and managed application state effectively using React.
- Utilized **react router, react query** library in the JavaScript to have uniform stream of data.
- Developed features for smooth user interaction and responsive data handling.
- Ensured efficient data storage and retrieval by integrating **MongoDB** as the database, enabling the application to handle large volumes of user data securely and with minimal latency.

EDUCATION

Bachelor of Technology – Computer Science Jamia Hamdard, Delhi (7.8CGPA)	2024
Diploma Engg. – Digital Electronics Ambedkar Institute of Technology (Govt.), Delhi (84%)	2021
AISSE - CBSE Notre Dame Academy, Munger (7.6CGPA)	2017

CERTIFICATIONS

- **Introduction to Database Systems** | NPTEL(Govt.) 2024
- **Data Analytics with Python Certification** | NPTEL(Govt.) 2024
- **Machine Learning Certification** | NPTEL(Govt.) 2024
- **Cloud Computing Certification** | NPTEL(Govt.) 2024
- **Summer Training - Advance IT and professional skills** | Tech Mahindra 2020