

Raihankhan Malek

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SUMMARY

Engineering graduate specializing in Artificial Intelligence (AI) and Machine Learning (ML) with strong skills in Python, DSA, Data Analysis, and tools like SQL, Power BI, and Tableau. Completed hands-on projects in fraud detection and data analysis, along with an internship as a Django developer. Proficient in data preprocessing, visualization, and model building using libraries like Pandas, Scikit-learn, and Matplotlib. Certified by IBM, Microsoft, Google, and others in data science and analytics. Studied key subjects like Algorithms, Databases, and Deep Learning.

EDUCATION

Bachelor of Engineering, New LJ Institute of Engineering and Technology

Jul 2020 – Jul 2024

- Branch: Computer Science Engineering (CSE)
- Specialization: Artificial Intelligence and Machine Learning (AI & ML)

SKILLS

Programming Languages: Python, Java, JavaScript, HTML, CSS, SQL

Technologies & Tools: Apache Hadoop, ML, Apache Spark, Excel, Power BI, Tableau, MongoDB, MySQL

AI & Machine Learning: NLP, Data Structures & Algorithms (DSA), Feature Engineering, Model Evaluation

Version Control & Cloud: AWS, Google Cloud, Git, GitHub

Soft Skills: Multilingual communication (English, Hindi, Gujarati), leadership, public speaking, teamwork

PROFESSIONAL EXPERIENCE

Avishkar CodeX Infotech LLP.

Python Django Developer

Jan 2024 – May 2024

- Programmed a data-driven Blood Bank Management System, optimizing donation, storage, and distribution workflows, improving operational efficiency by 30%.
- Leveraged Python Django to build scalable data pipelines, reducing server response times by 15% and supporting the management of 1000+ donor and recipient records.
- Designed and enhanced an SQLite database, improving secure data retrieval processes and boosting query performance by 25%.
- Automated data tracking, analytics, and reporting processes, improving inventory accuracy by 20% and enabling data-driven decision-making.
- Collaborated with a team of four developers using Agile methodologies, accelerating project timelines by 15%.

PROJECTS

Zomato Data Analysis

Jan 2025 – Mar 2025

- Executed exploratory data analysis (EDA) on a dataset of 10,000+ Zomato restaurant listings to uncover trends in customer preferences, ratings, and online ordering behavior.
- Managed data cleaning and data preprocessing using Pandas and NumPy, improving data usability by 20%, and applied data visualization techniques like Seaborn, Matplotlib to generate insights.
- Uncovered key insights: ranked top 5 restaurant categories, revealed 70% had ratings above 3.5, and found online-ordering boosted ratings by 15%.
- Presented data-driven recommendations to enhance Zomato's business strategy, improving customer satisfaction metrics by an estimated 10%.

Fraud Detection in Finance Transactions

Oct 2024 – Dec 2024

- Built a machine learning model to detect fraudulent transactions in a financial dataset, achieving 98% accuracy.
- Conducted preliminary data analysis, handled imbalanced datasets with SMOTE and oversampling techniques, and enhanced model robustness by 15%.
- Applied Python libraries, including Pandas, Scikit-learn, and Matplotlib, to streamline data preprocessing, model development, and visualization processes, cutting processing time by 20%.
- Revealed patterns in fraudulent transactions and reduced false positives by 15%.

CERTIFICATIONS

- IBM Certified:** Data Science, SQL and Relational Databases
- Microsoft Certified:** Machine Learning Essentials
- Google Certified:** Google Analytics
- MongoDB Certified:** Data Modeling
- Oracle Certified:** Databases for Developers
- BCGX Certified:** Data Science, GenAI
- Accenture Certified:** Data Analytics and Visualization