Gufran Khan

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Skills

Languages: C/C++, Java, Python, JavaScript, SQL,PostgreSQL
Frameworks & Libraries: Pandas,Numpy,Matplotlib,OpenCV,Scikit-Learn
Technologies & Tools: Jupyter Notebook,PowerBI,Tableau, VS Code,Streamlit,SpaCy,MongoDB,IntelliJ IDEA,MySQL

Work Experience

IBM SkillBuild | Edunet Foundation   July 2025 – Aug 2025

Role : AI & Cloud Intern

- Designed and deployed an AI-powered Nutrition Assistant on **IBM Cloud** using **Watsonx.ai, spaCy, and MongoDB**, delivering personalized diet recommendations with 93% accuracy.
- Gained hands-on experience in **AI/ML, cloud deployment, data preprocessing, and prompt engineering**, while showcasing skills in real-time user interaction and scalable solutions.

Education

Birsa Institute Of Technology, Sindri   Sep 2023 - Jun 2027
B.Tech. in Information Technology   *CGPA: 8.9/10*

Relevant Coursework: Object Oriented Programming, Databases, Data Structures and Algorithms, Operating Systems, Computer Networks, Machine Learning, Data Mining, Advanced Data Structures and Algorithms, Image Processing

Project Work

Book Recommender System | LINK   Feb 2025-Apr 2025

- Developed a machine learning-based recommendation engine using **collaborative filtering** and cosine similarity.
- Implemented **data cleaning, preprocessing, and matrix manipulation** to handle sparse user-book rating data.
- Achieved accurate recommendations by optimizing similarity calculations and improving model scalability.

Fake News Classifier (NLP Project) | LINK   July 2025 – Aug 2025

- Built a machine learning model to classify news articles as **FAKE or REAL** using **TF-IDF vectorization** and **LinearSVC**.
- Implemented text preprocessing (stopword removal, lemmatization, normalization) and feature extraction with TF-IDF.
- Achieved high accuracy with detailed evaluation (**precision, recall, F1-score**) and visualized results using **WordClouds** and confusion matrices.

Achievements and Certificates

- **Competitive Programming in C++ (TLE) | Certificate**   Dec 2024 – Mar 2025
  Mastered C++ fundamentals, bit manipulation, and core data structures
- **Machine Learning & Data Science – GeeksforGeeks | Certificate**   Dec 2024 – July 2025
  ML and data analysis fundamentals
- **DBMS Course (Scaler) | Certificate**   Jan 2025 – Apr 2025
  Built strong foundation in SQL, transactions, and relational database concepts
- **LeetCode** [**Profile**]
  Max Rating: **1510**, active participant in contests, solved numerous problems across data structures & algorithms.
- **Codeforces** [**profile**]
  Max Rating: **1314 (Pupil)** | Rank **3391** in Codeforces Round 1040 (Div. 2).
- **CodeChef** [**profile**]
  Max Rating: **1603 (3★)** | Achieved **Global Rank 128** in Starters 180.