ANSHU KUMAR

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EDUCATION

B.Tech in Computer Science and Engineering Expected 2026
VIT Bhopal University, Bhopal *CGPA: 8.26/10*

TECHNICAL SKILLS

Languages: Java, C++, Python

Web: HTML, CSS, JavaScript, React

Database: MySQL, OracleDB

ML/DS: Pandas, Numpy, Matplotlib, Seaborn, Keras

PROJECTS

DocDispatch | LINK
Machine Learning, Backend Developer **In Progress**

– Architecting an Android-based medical support platform that allows patients to report symptoms and health conditions via OTP-based user authentication.
– Developing a structured backend to manage regional segmentation of healthcare data for scalable access to registered patient details.
– Creating dynamic role-based dashboards for both patients and healthcare providers to view, prioritize, and respond to health issues in real time.

Course Recommendation System | LINK
Machine Learning, Model Deployment **Feb 2025**

– Developed a Course Recommendation System using Cosine Similarity to suggest personalized courses, implementing TF-IDF vectorization to convert course descriptions and user preferences into feature vectors.
– Computed cosine similarity to measure relevance between courses and user profiles, optimizing recommendations using vectorized operations with NumPy and pandas.
– Built the system entirely with Python, integrating data preprocessing, similarity computation, and result ranking into a seamless pipeline to ensure efficient processing, scalability, and accurate personalized recommendations..

RELEVANT COURSEWORK

- DSA, Operating Systems, DBMS, Computer Networks, OOPs, Data Science, Machine Learning, Statistics, Web Development

ACHIEVEMENTS

- Completed 100 days of code taking new coding challenges everyday to better my coding knowledge.
- Scored top 2 percent in .

PERSONAL DETAILS

Languages: Hindi, English, Japanese, Bhojpuri

Soft Skills: Communication, Teamwork, Problem Solving, Emotional intelligence, Creativity

Interests: Machine Learning, LLMs