

ANSHU KUMAR

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EDUCATION

B.Tech in Computer Science and Engineering

VIT Bhopal University, Bhopal

Expected 2026

CGPA: 8.26/10

TECHNICAL SKILLS

Languages: Java, C++, Python

Web: HTML, CSS, JavaScript, React

Database: MySQL, OracleDB

ML/DS: Pandas, Numpy, Matplotlib, Scikitlearn, 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 an ml model to predict the severity and probability of a disease with 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 NPTEL Marketing Analysis.

PERSONAL DETAILS

Languages: Hindi, English, Japanese, Bhojpuri

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

Interests: Machine Learning, LLMs