

ANKIT CHOUDHARY

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GitHub: <https://github.com/Ankit-456>

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SKILLS

- Python, Java, MySQL, Machine learning, Deep learning, PowerBI

EDUCATION

- Vellore Institute of Technology, Bhopal** (July 2021- June 2025)
B. Tech in CSE with Specialization in AI and ML
CGPA: 8.35
- XII (CBSE)** (May 2020)
Bhagat Public School, Kota
Percentage: 82.2%
- X (CBSE)** (May 2018)
ST. Xavier's English Medium School, Kishanganj
Percentage: 75.8%

ACADEMIC PROJECTS

- Diet and Exercise recommendation system** | (July 2024 – August 2024)
 - Description: Designed a personalized diet and exercise recommendation system using machine learning, achieving a 93% recommendation accuracy.
 - Employed Collaborative Filtering and KNN algorithms to analyze over 10,000 user profiles
 - Utilized Python, Flask, TensorFlow, and Scikit-learn to build and deploy the system.
- Company Sales Data Analysis – Power BI Dashboard** | (January 2025)
 - Developed an interactive Power BI dashboard to analyze company sales data, improving data-driven decision-making.
 - Integrated sales, revenue, customer trends, and product performance data for comprehensive insights.
 - Enabled real-time insights through interactive filters and drill-through analysis.
- Mango Leaf disease detection using Deep learning** | (March 2024– April 2024)
 - Description: Implemented a deep learning model to detect and classify diseases in mango leaves with 98.85% accuracy.
 - Implemented CNN models (VGG19 and DenseNet121) for feature extraction.
 - Utilized Python, TensorFlow, and Keras to build the model.

CERTIFICATIONS

- IBM AI Engineering (July 2024)
- Data Science certification (April 2024)

ACHIEVEMENTS

- Published a research paper titled "Mango leaf disease diagnosis using Total Variation Filter-Based Variational Mode Decomposition" in Elsevier (October 2024)
- Hacker Rank: 5 Star in MySQL, 5 Star in Java
- Solved over 300 Questions using Java in GFG.

POSITION OF RESPONSIBILITY

- Lead of Hostel Sports Committee, VIT Bhopal** (March 2024- July 2024)
Organized and managed 5+ sports events as the Sports Committee Lead of the hostel.

HOBBIES

- Stock Trading: Actively engage in analyzing financial markets.
- Bodybuilding: Devote leisure time to strength training.