

Dilkhush Kumar

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[LinkedIn](#) | [GitHub](#)

CAREER OBJECTIVE

Enthusiastic B.Tech (CSE) student with a strong foundation in Python, SQL, and Machine Learning. Passionate about solving real-world problems using data-driven solutions. Seeking an entry-level role in Data Science or machine learning to apply analytical, technical, and problem-solving skills.

SKILLS

- ❖ Programming: Python, SQL
- ❖ Libraries: NumPy, Pandas, Scikit-learn, Matplotlib, Seaborn
- ❖ Framework: Flask
- ❖ Version Control: Git, GitHub
- ❖ Tools: VS Code, Jupyter Notebook, MS Word
- ❖ Soft Skills: Analytical Thinking, Problem-Solving, Team Collaboration

EDUCATION

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| ❖ Btech (CSE) - BBSBEC (IKGPTU) | CGPA: 8.68 Expected Graduation: 2026 |
| ❖ Intermediate (12th) - R.S. College, Tarapur (BSEB) | 73.2% 2022 |
| ❖ Matriculation (10th) - Adarsh High School Tarapur, Munger (BSEB) | 76% 2020 |

ACADEMIC PROJECTS

- ❖ RAG-Based AI Teaching Assistant
 - Built a RAG-based AI assistant for querying course videos using NLP and LLMs.
 - Implemented semantic search + embeddings for accurate, context-aware answers.
 - Returned timestamped video responses, improving learning efficiency.
- ❖ California House Price Prediction
 - Developed a Random Forest Regressor model to predict median house prices using California housing data.
 - Performed data preprocessing, feature scaling, and one-hot encoding with Pandas.
 - Built a Flask web application for interactive house price prediction.

CERTIFICATION & TRAINING

- The Ultimate Job Ready Data Science Course - CodeWithHarry
- TCS iON Career Edge – Young Professional - TCS iON
- Machine Learning Workshop - NIELIT Chandigarh

EXTRA-CURRICULAR ACTIVITIES / ACHIEVEMENTS

- Interests: Coding, Data Science, Learning New Technologies
- Achievements: 3rd position - College HackathonTech Titan's 25
- Languages: Hindi, English