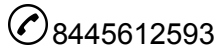


# Utkarsh Kumar Singh



## Education

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IIIT Delhi, B.Tech (CSE)	2021 – 2025 (CGPA-7.59)
Sant Gyaneshwar Model School, Alipur New Delhi (CBSE) (Grade-XII)	2020 – 2021 (86%)
St. Peter's College, Agra UP (ICSE) (Grade-X)	2018 – 2019 (94%)

## Experience

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ML LAB, IIITD  
Research Team Member, Worked on a ML project.  
Machine Learning Framework to Decipher Gut Microbiome Signatures in Neurological Disorders.

## Projects

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Online Retail Store(Website)( <a href="#">GitHub</a> )	(Jan,23- May,23)
Guide: Vikram Goyal	Team Size-2
Online shopping website (Frontend + Backend + Database)	
Heart Disease Predictor (ML Models)( <a href="#">GitHub</a> )	(aug,24- Dec, 24)
Guide: Jainendra Shukla	Team Size - 4
Developed a predictive model using machine learning techniques to assess the likelihood of heart disease based on clinical features. Performed data preprocessing, feature selection, and model evaluation using algorithms such as Decision Tree, Random Forest, Logistic Regression, etc. Achieved performance evaluation using metrics like accuracy, precision, recall, and ROC-AUC score. Tools used: Python, Scikit-learn, Pandas, Matplotlib.	
Weather App( <a href="#">GitHub</a> )	(Feb,24)
Guide: Arani Bhattacharya	Solo
used API along with database for offline search	

## Technical Skills

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**Expertise Area:** Data Structure and Algorithm(DSA), Object Oriented Programming(OOPS), Database Management System (DBMS), Operating System, Dynamic Programming, Computer programming, Computer Security, Computer Networks, Mobile Computing, Machine Learning, Cryptanalysis.

**Programming Language:** Python, C, C++, Java, SQL, Kotlin, HTML, JS, Haskell

**Tools and Technologies:** GitHub, Google Collab, Canva, Figma, Jupyter Notebook, Matplotlib, LIBGDX, TinkerCad, LTspice, SceneBuilder, SQL Workbench, Google Cloud, Linux, Blender for 3D modeling, Pycharm, Autodesk Fusion 360, Arduino IDE.

## Achievements

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- Worked in ESYA IIITD(Tech fest) in organising team
- Worked in an NGO for kids.
- Positioned 2nd at School in Science Exhibition and Competition
- Positioned 2nd at School in Writing Competition.
- Positioned 1st at School in Annual Cricket Tournament

## Hobbies

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- Listening music
- Workout
- Trying different cuisines