

KARTIK TIWARI

+918112534516 | kartikdtiwari555@gmail.com | [HackerRank](#) | [Linkedin](#) | [Github](#)

EDUCATION

Jain University, Bangalore, India

2021 - 2023

- Master of Computer Application | Data Science

Pranveer Singh Institute of Technology, Kanpur, India

2018 - 2021

- Bachelor of Computer Application

SKILLS

Python | Machine Learning | Data Base & Algorithm | C++ | C | HTML | MySQL | Git | Data Visualization | Data Mining

INTERNSHIP EXPERIENCE

CodSoft | Machine Learning Internship

Jan'24 - Mar'24

- [Certificate Link](#)

Oasis Infobyte | Python Programming Internship

Dec'23 - Jan'24

- [Certificate Link](#)

PROJECTS

HOUSE PRICE PREDICTION(Capstone project Jain University 2021-23):

House price prediction can help the developer determine the selling price of a house and can help the customer to arrange the right time to purchase a house. [Github Link](#)

TOOLS USED:- pandas, numpy, matplotlib, Catboost, lightgbm, xgboost, seaborn.

IPL WINNING PREDICTION(Great Learning Academy):

As cricket is the mostly played game. IPL dataset is taken to analyze the metrics of different teams in IPL. Libraries such as pandas, matplotlib, and seaborn are used to perform exploratory data analysis on top of this IPL data. Finally, some machine learning algorithms are implemented to predict which team has a better likelihood of winning the tournament.

TOOLS USED :- Pandas ,matplotlib,seaborn. Algorithm Used : Linear Regression, Ridge Regression, Naive Bayes.

SUDOKU SOLVER(Major Project PSIT (CSJM University 2018-21)):

We all played sudoku at least once in our childhood. It is a very interesting puzzle game. In this project, we're going to build a sudoku solver program using OpenCV. It detects a sudoku board from an image and then solves it. First, the program will detect a sudoku board in an image then extract only the board. Then it detects each given number from that board and then it solves the board. After solving the board it puts the solved numbers in that original image at the same position.

TOOLS USED:-Python3, OpenCV, Numpy, Tensorflow, Imutils, Deep Learning.

ACADEMIC AND EXTRACURRICULAR ACTIVITIES

- Members of many clubs at college level (Aryabhata Club , Writing Club)
- Organised as Co-head in conference on Recent Advancement in Computer Science at PSIT kanpur(2019).
- HackerRank Badges - Python(Gold 5 stars) & C++(4 stars)
- Gold Medalist (School Level) in Science Olympiad Foundations.

CERTIFICATIONS

- Certified in Problem Solving(Intermediate) and SQL (Advance) from HackeRank.
- Certified in Advanced Machine Learning certification from Great Learning (verified).