

## Krishna Kumar Mukhiya

Samastipur, Bihar 848206

📞 6206081334 ✉ [krishnamukhiya842@gmail.com](mailto:krishnamukhiya842@gmail.com) [in linkedin.com/in/krishnakumarmukhiya/](https://www.linkedin.com/in/krishnakumarmukhiya/) [github.com/Krishna31m/](https://github.com/Krishna31m/)

## Training

### GeeksforGeeks

June 2024 - July 2024

#### DSA Self-Paced Course

- Developed a Sudoku solver using the backtracking algorithm.
- Designed the user interface with HTML and CSS; implemented logic and grid display using JavaScript.
- Applied core data structure concepts in a real-world application.

## Projects

### LMS E-Learning / Python, Django, HTML, CSS

July 2025 - July 2025

- Developed a Django-based Learning Management System with secure user authentication and role-based access for students and teachers.
- Designed scalable data models and integrated responsive front-end templates for a seamless user experience.
- Developed teacher and student dashboards, enabling efficient management of quizzes, users, and results.
- Github Repository Link: <https://github.com/Krishna31m/LMS>

### Helmet Detection | Python, YOLOv5

March 2025 – April 2025

- Created a computer vision application for detecting helmets in real-time via images, video, or webcam feeds using a YOLOv5 deep learning model.
- Designed and implemented a user-friendly Tkinter interface to allow users to upload media and visualize detection outputs interactively.
- Trained a custom YOLOv5 model using labeled datasets and implemented inference scripts to test and validate the model's accuracy on unseen data.
- Github Repository Link: <https://github.com/Krishna31m/Python/tree/main/Helmet%20Detection>

### IPL Score Prediction / Python, Google Colab, Kaggle IPL Data

November 2023 - December 2024

- Developed a model to predict final IPL match scores based on real-time match data using Python and scikit-learn.
- Performed data preprocessing and feature engineering on Kaggle datasets to extract relevant features such as overs, wickets, and run rate.
- Implemented and evaluated multiple regression algorithms including Linear Regression, Random Forest
- Visualized predictions and performance metrics using Matplotlib and Seaborn to analyze model accuracy and insights.
- Github Repository Link: <https://github.com/Krishna31m/ALLFILE/tree/main/IPL%20SCORE%20PREDICTION>

## Certificates

### Introduction to Android Mobile Application Development

November 2024

Coursera – Certificate link

### Object-Oriented C++: Inheritance and Encapsulation

March 2024

Coursera — Certificate Link

### Full Stack Web Development

February 2023

LinkedIn Learning — Certificate Link

## Technical Skills

**Languages** Java, Python

**Technologies/Frameworks:** Angular, Node JS, Git, GitHub, SQL, Ubuntu

**Skills:** Data Structures and Algorithms, Problem-Solving, Responsive Web Design

## Education

### Lovely Professional University Punjab

2022 – 2026

Computer Science and Engineering — CGPA: 6.02

Jalandhar, Punjab

### P. C. High School Patsa

2019 – 2021

12th with Science — Percentage: 67.8%

Samastipur, Bihar

### P. C. High School Patsa

2018 – 2019

10th with Science — Percentage: 62.6%

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