

# Shubham Kumar

B.Tech CSE, batch 2018-22



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Bihar, India

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[GitHub](#)



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## EDUCATION

**Indian Institute of Information Technology, Kalyani** —  
Btech, CSE ( CGPA - 8.44, till 6th sem)

2018 - 2022

**H D Jain College, Ara** — Senior Secondary(XII)  
(percentage - 70.04, Bihar Board)

2015 - 2017

**M D J Public School, Ara** — Secondary(X)  
(CGPA - 10)

## PROJECTS

- **Video Classification for recognising suspicious and normal activities for automating CCTV surveillance**
  - Created a dataset by taking relevant videos from different published datasets and youtube videos.
  - Used **VGG16** model to extract features.
  - Used **CNN** and **LSTM** based video methods to classify videos to different relevant classes for surveillance.
- **Real time Object detection**
  - Created Custom dataset by manually downloading labelled images of relevant class from **Open Image Dataset** of Google
  - Used **YOLO** CNN model on Custom dataset for real time object detection.
- **Amazon product tracker**
  - Used **beautiful Soup** for web scraping to track desired product on amazon and it notifies the user when the product is available .

## PROBLEM SOLVING SKILLS

- 3 star on codechef
- Solved over 300+ problems across different platforms like leetcode, SPOJ, codechef, codeforces

## RELEVANT COURSES

- C++
- Python
- Data Structures and Algorithms
- Artificial Intelligence
- Operating Systems
- Computer Networks
- Database management system
- Machine Learning

## LANGUAGES

- Bhojpuri
- Hindi
- English

## SKILLS

- C++
- Problem Solving
- Python
- Data Structures and Algorithms
- Deep learning
- Machine Learning