





# Tatva Bharat Kamdar

 Tatva Kamdar  
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LeetCode - Tatva Kamdar

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## EDUCATION

**Keshav Memorial Institute of Technology**, Hyderabad.  
*Bachelor of Technology (B. Tech.)*  
*Computer Science and Engineering*  
2019-2023

GPA: 7.6/10

**PAGE Junior College**, Hyderabad.  
*Class XII in MPC (Mathematics, Physics, Chemistry)*  
2017-2019

Percentage: 91.4%

**Bolton School**, Secunderabad.  
*Class X (Central Board of Secondary Education) CBSE*  
2017

CGPA: 8.8

## WORK EXPERIENCE

### • DOUT- DoubtKoKaroOut!

Aug 2020 - Dec 2020

*Website Developer*

Developed a platform for an Ed-Tech Start-up primarily focused on Doubt Solving.

### • Online Test Creator

Developed an online test conducting website to conduct MCQ tests

### • Worked as a Tutor at Next Learning Centre

Jan 2020 - March 2021

## PROJECTS

### • Three Wheeled Omnidirectional Object Tracking and Remote Maneuvering Robot

Developed a production level model of an Omnidirectional robot with three wheels that provides object detection and tracking capabilities using Deep Learning with SORT while automatically maneuvering itself according to the trajectory of the target object.

### • Mechanised Hand Tracking Module

Developed a Hand Tracking Module using Computer Vision Technologies that translates the motion of the fingers to a mechanised hand with Arduino Uno Micro-controller using servos.

### • IoT Remote Appliance Controller using Google Firebase

Built a prototype using esp8266 micro-controller with WiFi capabilities that enables remote access to multiple electronic devices.

### • Micro Projects

Developed multiple day-to-day Automation and General-Purpose projects such as OCR, Multiple MS Excel Automation Tools, WPM Calculator Game, Password Manager and OpenCV projects like Gesture Controlled Presentation, Gesture Volume Control, Virtual Floating Keyboard, Drag and drop game etc.

### • Blog

Developed a website which enables users to post articles, update and delete them using Python's Flask Module.

## SKILLS

**Languages:** Java, Python, C, C++, JavaScript

**Tools/Framework:** Pandas, Numpy, OpenCV, MediaPipe, Flask, Basic PHP, Arduino, HTML, CSS, Bootstrap, MySQL, MicroPython, Wordpress, GitHub

**General:** Data Structures, Algorithms, Competitive coding, OOP, Machine Learning, Computer Vision, Web Development

## EXTRA CURRICULARS

### Club head, Recurse, The Technical Club of KMIT

Aug 2020 - present

• Conducted Online Competitive Coding Event with over 600 Registrations

• Organized an Ideathon

• Conducted Workshops on Basic Programming Languages

• Solved student grievances and played a role in decision making as a member of the Student Council.

### College Team member at Under25

May 2021 - present

• Content writer, I participate in content creation and promotion

• Organized an online fundraiser for Covid relief

• Organized 25 days of self-care campaign

### Member of the Musical Club of KMIT, Aalap

Jan 2020 - present

### Volunteer at Street Cause

August 2020 - Jan 2021