





Tatva Bharat Kamdar

 Tatva Kamdar
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LeetCode - Tatva Kamdar

Hyderabad, Telangana, India

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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

• **Darwinbox**

Jan 2020 - Present

Website Developer

Web Development Intern at Darwinbox

• **DOUT- DoubtKoKaroOut!**

Aug 2020 - Dec 2020

Website Developer

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

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

Jan 2020 - March 2021

PROJECTS

• **Three Wheeled Omnidirectional Object Tracking Remote Controlled 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: ReactJS, Tailwind CSS, ExpressJS, OpenCV, MediaPipe, Flask, Pandas, Numpy, Basic PHP, Arduino, HTML, CSS, MySQL, MicroPython, Wordpress, GitHub

General: Data Structures, Algorithms, Web Development, Object-Oriented Programming, Computer Vision, Competitive coding, Machine Learning

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