



# Vaibhav Kaushik

An enthusiastic engineering fresher who is a self-starter with strong problem solving skills. An ongoing degree in Software Engineering has enhanced my proficiency in developing web applications and looking forward to work in a competitive environment that enhances overall learning.



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## EDUCATION

### B.Tech. (CSE)

Sikkim Manipal Institute of Technology, Sikkim

08/2018 – Present

9.09 CGPA

### HSC

Indian School Certificate

04/2016 – 03/2018

69.4%

### SSC

Indian Certificate of Secondary Education

03/2016

87%

## CO-CURRICULAR ACTIVITIES

### Bronze Medal at ASISC

ASISC, Agra

*Achievements/Tasks*

- Won a bronze medal at ASISC state lawn tennis championship

### Represented SMIT at IIT Guwahati's annual Cultural Fest

IIT Guwahati, Alcheringa 2020

- Participated in Solo Singing and Mr&Mrs Alcheringa Competition

## ACHIEVEMENTS

### Gold Medal at Annual Tech Event

Sikkim Manipal Institute of Technology, Sikkim

*Achievements/Tasks*

- Won a gold medal at annual tech event for developing a line robot using Atmega8

## PROJECTS

### 1) Restaurant Website :

Restaurant Website is a sample e-Commerce Website for ordering foods.

It consists of only mainly Frontend

*Implemented using HTML, CSS, Javascript, Bootstrap4*

### 2) Certificate Generator :

Certificate Generator is a Website used to Generate Certificates in bulk.

*Implemented using Pillow, Flask, HTML, CSS*

### 3) Obstacle Avoiding Robot :

It uses Concept of Sensor and Robot Simulation Programming.

The Simple working of this project is whenever there is obstacle in the path of the robot then it diverts from its path

*Implemented using AVR STUDIO*

*Hardware used - Atmega8 Microcontroller, InfraRed Sensors, Jumper Wires, Battery*

### 4) Line Following Robot :

It uses Concept of Sensor and Robot Simulation Programming.

The Simple working of this Project is that the Line Robot Follows the Black Tape and doesn't diverts from its path

*Implemented using AVR STUDIO*

*Hardware used - Atmega8 Microcontroller, InfraRed Sensors, Jumper Wires, Battery*

### 5) Crime Prediction and Analysis System Using Machine Learning :

Crime Analysis and Prediction follows a systematic approach for identifying and analyzing patterns and trends in crime. It can predict crimes based on your input of time/real-time and locations. It aims at reducing crimes, especially street crimes.

Use for safety, with safety!

*Implemented using Machine Learning, Flask, Tableau Server, HTML, CSS*

## POSITIONS OF RESPONSIBILITY

**General Secretary, Access Council(Council of Computer Science Department)**

Sikkim Manipal Institute of Technology, Sikkim

**Core Member, INNOVISION SMIT (Technical Club)**

Sikkim Manipal Institute of Technology, Sikkim

**Technical Lead, CHROMATIX (Music Club)**

Sikkim Manipal Institute of Technology, Sikkim

**Lead,De Desino(Designing Club)**

Sikkim Manipal Institute of Technology, Sikkim

**Volunteer,National Security Scheme(NSS)**

Sikkim Manipal Institute of Technology, Sikkim

## INTERNSHIPS

**Graphic Designing Intern at an Non Government Organization - Bloom.gcgc**

09/2020 – 02/2021

**Web Developer Intern at TalentBox Labs**

04/2021 – 06/2021

**Angular Developer Intern at Ycorp Technologies Pvt Ltd**

06/2021 – 08/2021

## LANGUAGES

English

Full Professional Proficiency

Hindi

Full Professional Proficiency

## INTERESTS

TENNIS

SQUASH

MUSIC(VOCALS AND GUITAR)

GRAPHIC DESIGNING

### 6) GPA Calculator :

It is basically designed for the students of the sikkim manipal institute of technology,where students can check their gpa of various semesters.The JSON data has been scraped from the official website of the college using web scraping.

Implemented using Python Web Scraping,Flask ,HTML ,CSS

### 6) BMI Calculator :

BMI Calculator is a website which provides Body Mass Index of a person on entering the height and weight of the person

Implemented using Flask ,HTML ,CSS

## SKILLS

### Programming Languages :

C

C++

JAVA

PYTHON3

### Web Development :

#### FrontEnd

HTML5

CSS3

Javascript

Angular

Bootstrap4

#### BackEnd

Flask

Django

#### Database

MySQL

MACHINE LEARNING

TABLEAU

DATA ANALYTICS

Arduino IDE

Atmega8

### Graphic Designing & Video Editing :

Adobe Illutrator

Adobe XD

Adobe Premiere pro

Adobe Photoshop