

# SAHIL SENGRA

 Coding and Robotics Trainer

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## EDUCATION

**B.tech** | University of Engineering and Management | 2020-24 | CGPA: 8.6

**Class XII** | DAV Public School (CBSE) | 2019-20 | 69.33%

**Class X** | P.P.M School (CBSE) | 2017-18 | 73.4%

## PROJECTS

### Driver Drowsiness Detection System

Driver drowsiness detection is a system that monitors a driver's alertness and warns them if they show signs of fatigue or drowsiness. The system uses computer vision and machine learning to analyse facial features, eye blinking rate, head movements, or other physiological signals to determine drowsiness.

- Tech Used : Python, OpenCV, Dlib, NumPy and Pandas.

### Weather Forecasting Website

Developed a responsive and visually appealing Weather Forecasting Website that provides real-time weather updates, including current temperature, condition, location, and a 3-day forecast. The site uses geolocation to fetch user-specific weather data and features an elegant UI for a modern experience.

- Tech Used : HTML, CSS , JavaScript, Open Weather API.

## SKILLS

- Python
- CSS
- UI/UX Design
- React
- HTML
- BootStrap
- Data Analysis
- Frontend Development
- SQL
- JavaScript
- Django
- IOT
- Block Based Programming
- C Programming and Embedded System

## CERTIFICATES

### Cyber Security

Coursera

### Google UX Design

Coursera

## INTERNSHIP

### TCS iON Remote Internship

22 Dec 2022 - 24 Jan 2023

- Worked on web-based projects, enhancing UI design and front-end functionalities.
- Develop scalable web applications.

## WORK EXPERIENCE

### Infinity Learn | 28 July 2025 - present

#### • As Coding and robotics trainer

- Teaching HTML, CSS, JavaScript, Python, Data Analysis, C with Arduino UNO, and Block-Based IoT.
- Guiding students in coding, robotics, and IoT projects through practical and interactive sessions.
- Working under a collaboration program with Wizklub.