

# Chetan Dehane

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[Github](#)

[Linkedin](#)

## Education

**SMT. KASHIBAI NAALE COLLEGE OF ENGINEERING, PUNE**

B.E in Electronics and Telecommunication. CGPA - 8.18

Pune, Maharashtra

MAY 2021

**G.B.M.M JR. COLLEGE, HINGANGHAT**

H.S.C (12<sup>th</sup>) in Physics, Chemistry, Math and Computer Science. PERCENTAGE - 74.31

Hinganghat, Maharashtra

FEB 2017

**BHARAT VIDYALAYA, HINGANGHAT**

S.S.C (10<sup>th</sup>). PERCENTAGE - 86.60

Hinganghat, Maharashtra

MAR 2021

## Projects

**Crop Disease Detection And Spraying Pesticides Using Mobile Robot**

Aug 2020 – Mar 2021

- Developed mobile robot using LPC2148 microcontroller acts as a brain and ESP 32 Cam module as an eye of robot and Performed Multi class SVM on images taken by robot to diagnosed the disease.
- Designed distance measuring mechanism with the help of ultrasonic sensors having range from 2cm to 400cm with accuracy upto 3mm.
- Programmed microcontroller in embedded c using Keil IDE and ESP 32 Cam module in arduino.

**Portfolio Website**

Mar 2021 – Aug 2021

- Design and Developed personal website ([chetandehane.github.io](https://chetandehane.github.io)).
- Used HTML5, CSS3 and JavaScript for designing front-end.

## Activities

- Attending CS50x22 (Harvard university introduction to computer science program) 2021.
- Organized robotics workshop (meteor) with team of 10 members in 2018.

## Achievements

- Achieved Gold Badge In C++ On Hackerrank solving more than 80 programs.
- Open Source contribution and Upload 100+ Programs on GitHub for students to clear the basics of Programming.
- Published Research paper (A Survey on a Mobile Robot to Observe and Protect Agricultural Crops) on international journal of future generation communication and networking in 2021.

## Technical Skills

- **Programming language:** C++, Python.
- **Operating Systems:** Windows and Linux.
- **Web Technologies:** HTML, CSS, JavaScript
- **Database:** MySQL.
- **Version Control:** Git.

## Soft Skills

- Ability To Adjust With Changes.
- Creativity.
- Teamwork Dynamics.