

# Chetan Dehane

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[GitHub](#) [Linkedln](#)

## Education

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

B.E in Electronics and Telecommunication. CGPA - 8.18

Pune, Maharashtra

08/2017 – 06/2021

### 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

06/2016 – 03/2017

### BHARAT VIDYALAYA, HINGANGHAT

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

Hinganghat, Maharashtra

06/2014 – 05/2015

## Experience

### Cognizant: Programmer Analyst

08/2021 - Present

- Developed C# scripts and SSIS packages to perform ETL on various sources, e.g., flat files, db2 database and loaded data in SQL server. Resulting in 95% faster running time over traditional package.
- Performed mapping, data validation and impact analysis on data.
- Created SQL ddls and Store procedures.

## Projects

### Crop Disease Detection and Spraying Pesticides Using Mobile Robot ( [Agrobot](#) )

- Developed agriculture robot using LPC2148 microcontroller and ESP 32 Cam module.
- Designed a distance measuring mechanism using ultrasonic sensors range 2 - 400 cm, accuracy up to 3mm.
- Programmed microcontroller in embedded c using Keil IDE and ESP 32 Cam module in Arduino.

### Portfolio Website ( [chetandehane.github.io](http://chetandehane.github.io) )

- Design and developed personal website
- Used HTML5, CSS3 and JavaScript for designing front-end.

### Country App ( [country-detail-app](#) )

- Developed Country Detail App using Angular
- Fetches country details using country API.

## Achievements

- Multiple Open-Source contributions and Upload 100+ Programs on GitHub on topic “Basics of Programming”.
- Published Research paper “A Survey on a Mobile Robot to Observe and Protect Agricultural Crops” in IJFGCN.
- Achieved golden badge for C++ on hackerRank.

## Technical Skills

- **Programming language:** C++, Java, Python.
- **Web Technologies:** HTML, CSS, JavaScript, Angular.
- **Database:** MySQL, SQL Server.
- **Version Control:** Git.