

Chetan Dehane

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[GitHub](#) [LinkedIn](#)

Education

SMT. KASHIBAI NAWALE 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 (12th) in Physics, Chemistry, Math and Computer Science. PERCENTAGE - 74.31

Hinganghat, Maharashtra

06/2016 – 03/2017

BHARAT VIDYALAYA, HINGANGHAT

S.S.C (10th). 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)

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

Keeper - TodoApp ([Keeper-TodoApp](#))

- TodoApp is a web application designed to help users keep track of their daily tasks and improve their productivity built using React.
- You can add or delete the todo items.

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, Node js, React.
- **Database:** MySQL, SQL Server, Mongo DB.
- **Version Control:** Git.