

Katghora, Chhattisgarh  
India, PIN - 495445

## MONTUKESHWAR VAISHNAW

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### INTERNSHIP

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#### Team leader for collage project - III

Aug 2019 - present

- Working as a team lead to develop a crop management and monitoring system.
- Introduced web application to monitor temperature, humidity and soil moisture of crop .
- Used Image processing to monitor health of crop.
- resulting in remote monitoring of crop health and need.

#### Team leader for collage project - II

Jan 2019 - Jul 2018

- Working as a team lead to develop a smart garbage bin monitoring system using IOT.
- Introduced android application to send SMS and email notifications to the User (garbage collector) about garbage bin status .
- Used machine learning algorithm to find the best route to collect garbage from all the bins in the city.
- resulting in no overflow of garbage ,save time and fuel.

### Languages and Technologies

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- Programming Languages - Python, Java (basic), C++ (basic)
- Operating System - Linux, Windows, Android
- Database - MySQL, MongoDB
- Frameworks and tools - Django , Android studio , Firebase , matlab , GitHub .
- Skills - Machine learning (basic) , web app development , android application.

### EDUCATION

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Pune ,India

MIT School of Engineering

July 2017 - May 2021

. B.Tech. in Information Technology. CGPA: 7.5/10

- Main coursework: Data Structures, Design and Analysis of Algorithms, Computer Architecture, computer vision, Database Systems, Operating Systems, Software Engineering.

### PROJECTS

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- A Chatbot for analyse the mental health and emotions of user and using sentiment analysis.
- A fitness app to provide diet and training schedule according to users data using machine learning .
- Developed a system for local business to manage sales data .

### ACHIEVEMENTS AND RESPONSIBILITIES

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- Won the 1st price in collage project competition 2019 summer .
- Completed Python for data science course with elite category .
- College fest software Hackathon core team member .
- Persona fest 2018 security team leader .