

# GIRIRAJ GURAV

Software Developer

[girirajguravwork@gmail.com](mailto:girirajguravwork@gmail.com) | +91 9373830662

## EDUCATION

### DBATU, Lonere.

B.Tech IN CSE

KBPCOE, Satara.

YOP: May 2024

Pursuing with 7.79 CGPA

### MSBHSE, Pune

HSC (Science)

YCIS, Satara.

YOP: Feb 2020 | 62.46%

### MSBSHSE, Pune

SSC

JSVV, Vadgaon (J.S).

YOP: March 2018 |

83.60%

## LINKS

**LinkedIn:** GIRIRAJ GURAV

**GitHub:** giriraj-g0511

**HackerRank:** giriraj\_g0511

## TECHNICAL SKILLS

### PROGRAMMING LANGUAGE

● Java ● HTML ● CSS

Familiar:

● MySQL

## EXPERIENCE

### Drone Making Workshop

3<sup>rd</sup> Nov - 5<sup>th</sup> Nov 2023 | KBPCOE, Satara.

- Workshop conducted with 'OSRP Aerotech Pvt. Ltd, Pune'.
- Learn about drone technologies, how drone works, how it is build, etc.

### IoT Workshop

9<sup>th</sup> Dec - 12<sup>th</sup> Dec 2021 | KBPCOE, Satara.

- Workshop conducted with 'Dolphins Labs'.
- Learn about IoT technologies, how IoT modules works, how it is build, how to program IoT modules, etc.

## ACADEMIC PROJECTS

### The Brand New MOMOS | Website

Mar-Aug 2022 | Sem-4

Developed a website for a MOMOS store for online orders, also customer can book a table. Used technologies HTML, PHP, CSS, and MySQL for database. Contributed in Front-end part and designed attractive user interface using HTML & CSS.

### Blood Bank | Website

Sept 2022 - Feb 2023 | Sem-5

Developed website for Blood Bank. End user can check the availability of blood and order it. Also, provide a section for the blood donation camp. Used technologies are HTML, PHP, JS, CSS, Bootstrap and MySQL for Database. Contributed in Front-end as well as for Database.

### Smart Energy Meter | Embedded System

Mar-Jul 2023 | Sem-6

Developed an IoT device to overcome ordinary electric meters. We displayed real-time electricity reading and controlled home appliances using the FLYNK platform and create bill generator. Used components such as a Arduino current sensor, resistors, breadboard, wires, LED bulbs, capacitor, buttons, and ZMPT101B voltage sensor. Contributed in programming of Microcontroller and also connectivity of FLYNK platform. For programming of Microcontroller Arduino IDE used and C++ Language used.

### Delivery Drone | Embedded System

Aug 2023 – Continue | Final Year

Inspired from SIH 2023 problem statement. Now we currently working and developing drone. The drone can able to deliver goods up to 100gm. The project is divided into 3 phases. Currently working on third phase of drone. Contributed research parts & now dealing with hardware part.

## SOFT SKILLS

- Problem Solving
- Strong Communication
- Team Management
- Leadership
- Good Listener
- Patience

## HOBBIES

- Oratory
- Play Dhol-Tasha
- Trekking
- Playing Indoor Games
- Watching Movies & Web series

## RESEARCH PAPER PRESENTATION

[1] S. Hoval, G. Gurav, N. Ingawale, D. Salunkhe, A. Kamble.  
Topic: Home Automation using IOT Devices.

[2] N. Ingawale, G. Gurav, A. Hol, S. Jadhav.  
Topic: Smart Energy Meters are needed of Future.

[3] D. Salunkhe, G. Gurav, N. Ingawale, A. Hol, S. Jadhav, A. Kalange.  
Topic: Autonomous Delivery Drone.

## ACHIVEMENTS

### DNYANAVISHKAR 2024

26<sup>th</sup> May 2024 | DIET, Sonavadi-Gajavadi.

- Participated at 'State Level Technical Event for Degree'.
- Presented project of Delivery Drone.

### SIH 2023

Aug-Sept 2023 | KBPCOE, Satara.

- Secured place in top 3 at collage level
- Project for AI based Automatic alarm generation and dropping of payload at a particular object through a Drone. (SIH1416)

### SIH 2022

Oct-Nov 2022 | KBPCOE, Satara.

- Successfully participated at collage level
- Present idea for 'Smart Education Platform'.

### Worked as Trekking Club Coordinator

2022-24 | KBPCOE, Satara.

- Founder committee member of 'Sahyadri Explorer'.
- Arranged treks for club members.
- Conducted 'स्वच्छ भारत अ भयान' in trekked places.

### Member of 'SHIVBRAMHA DHOL TASHA PATHAK'

2022-24 | Satara.

- Part of pathak from 2022.
- Play Dhol instrument.
- Dhvajdhari in pathak.

### Represented College at '4<sup>TH</sup> RAYAT VIDYAN PARISHAD'

29<sup>th</sup> Dec-31<sup>st</sup> Dec 2018 | KBPC, Vashi.

- Organized by 'Rayat Shikshan Sanstha, Satara' in collaboration with 'Homi Bhabha Center for Science Education, TIFR' and hosted by 'Karmaveer Bhaurao Patil College, Vashi'.
- Represented YCIS, Satara.

### Oratory Competitions

- Participated in many competitions.
- Represent School at state level oratory competition 'Youth Parliament Championship' organized by Police Department, and secured Third Place with team.
- Wins lots of competitions.

Sincerely,  
Giriraj Gurav.