



Siddheshwar Sugriv Ghuge

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Solapur, Maharashtra-413302 ♂ Male

[GitHub](#)



Education

Program	Institution/Board	%/CGPA	Year
B.Tech (Electronics Engineering.)	Walchand College of Engineering,Sangli.	9.02/10	2020-2024
Higher Secondary School(HSC)	Baburao Jadhav Mahavidyalaya, Pandharpur.	89.38%	2020
Secondary School Certificate(SSC)	Sant Savata Mali Vidyalaya, Aran.	92.80%	2018

Key Projects

1. Weather App | [Source Code](#)

- Implemented a user-friendly weather app that allows users to enter specific locations and receive accurate weather forecasts.
- Developed a Weather App using **Node.js**, **HTML**, **CSS**, and **JavaScript**.

2. Portfolio | [Source Code](#)

- Developed an interactive portfolio highlighting projects and achievements.
- Technology used: **HTML**, **CSS**, **JavaScript**

3. Calculator | [Source Code](#)

- Created a responsive calculator web application using **HTML**, **CSS**, and **JavaScript**, highlighting proficiency in front-end web technologies for seamless user experience across different devices.

Technical Skills

- Languages:** C, C++, Python, java((Novice).
- Core Subjects:** Operating System, DBMS, DSA, OOP, Digital Electronics,Basics of Machine Learning.
- Web Development:** HTML, CSS, JavaScript , Node.js, Express.js.
- Database:** MySQL, MongoDB.
- Tools :** Git, MATLAB, Proteus, Keil,xlinx.
- Soft Skills :** Presentation, Communication,Teambuilding.

Problem Solving Skills

- Solved 500+ DSA problems on various platforms.
- 150+ problems solved on LeetCode and attended 10+ Global contest. (Rating 1493).
- GFG problem solving score-1147. Institute Rank 40 among 1400+ peers.
- Codechef Rating-1440(Div 3).
- Profile links: username
 - [GeeksforGeeks](#) : gss3006
 - [LeetCode](#): siddheshwarg
 - [Hackerrank](#): siddheshwarg4u
 - [CodeChef](#): siddheshwarg

Extra-Curricular Activities

• Member At Rotaract Club Of WCE, Sangli. (2021-Present)

- ~Part of Street Play '**Gramoday**' of Rotaract Club, which is part of mega event under Community Service Avenue.
- ~Volunteered Blood donation camp '**Mahadan 8.0**' under blood donation event.

Course Projects

1. Hand Gesture Control Robot

- Developed a hand gesture control robot using **Arduino Uno, Nano**, and **Bluetooth module** for wireless control and interaction.
- Demonstrated expertise in robotics and embedded systems by designing and assembling the hardware components and programming the Arduino boards for motor control and wireless communication.

2. GSM Based Smart Agriculture System

- Designed and implemented a system that uses GSM technology to remotely control and automate the water pump in agricultural settings.
- Tech Used : **GSM Module, Arduino uno**.

3. OverHeat Detector

- Designed a circuit using **op amp, potentiometer** and **thermistor** to detect temperature variations and activate device control mechanisms.
- Utilized an op amp as a comparator in the circuit design to compare the output voltage from the thermistor with a reference voltage, triggering the relay circuit when the temperature exceeds the predetermined threshold.

Others

- **Languages:** English, Hindi, Marathi.
- **Hobbies:** Cycling, Cooking, Swimming.

Declaration

I do hereby declare that all the details furnished above are true to the best of my knowledge and belief.

Place: Sangli, Maharashtra (India).

Note: Underlined texts are link to proofs and validation (if required)

(Siddheshwar Sugriv Ghuge)