

# SHWETA GAONKAR

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Location: Belagavi, Karnataka



## OBJECTIVE

To utilize my technical expertise and problem-solving abilities in delivering innovative solutions, while contributing to impactful projects in a dynamic and collaborative environment.

## SKILLS

**Technical Competencies:**  
Languages - C programming, Python,  
Network Technology

**Behavioral Skills:**  
Leadership, Adaptability, Problem-solving

## EDUCATION

<b>Bachelor of Engineering in Electronics and Communication</b> KLS Gogte Institute of Technology CGPA: 7.22/10	<b>Dec 2021- June 2025</b>
<b>Raja Lakhamagouda PU College of Science (Class XII)</b> Percentage: 78.16%	<b>May 2020 - July 2021</b>
<b>Mahila Vidyalaya Mandal's English Medium School (Class X)</b> Percentage: 83.36%	<b>June 2018 - April 2019</b>

## WORK EXPERIENCE

- Internship: Electric Vehicles and Renewable Resources**  
Belagavi, Karnataka | 3rd Oct 2022 - 29th Oct 2022
- EV Knowledge:** Learned design and energy systems of electric vehicles.
  - MATLAB & Simulink:** Trained in system simulation and modeling.
  - Renewable Energy:** Attended a workshop on sustainable energy resources.
- Internship: Friends Union for Energising Life Organization**  
Hubli, Karnataka | Jan 2025 – Feb 2025
- Introduced to develop a web-based application and Django framework.
  - Gained hands-on experience in working with HTML templates and creation of projects and application

## PROJECTS

- Ultrasonic Security System using Arduino(2022):**The motive of this project was to create a cost effective and versatile security system. It was designed to detect and alert you to any unauthorized movement within a specified area, making it ideal for home security, office monitoring or even as a fun educational project.
- Impact sensing lifesaver helmet (2024):** Developed a smart safety helmet system using ESP32, integrating piezoelectric sensors MPU6050 accelerometer, GPS, and GSM modules for real-time accident detection and automated emergency alerts via Twilio API.

## CERTIFICATIONS

- IOT and Embedded Systems from Texas Instruments(2023):** Acquired hands-on experience in IoT technologies, embedded system design, sensor integration, and microcontroller programming for real-time application development.
- How to CSS Bootcamp (2025):** Completed an online bootcamp focused on CSS fundamentals, learning how to use CSS for designing and developing visually creative and responsive websites.

## HOBBIES & INTEREST

- Dancing
- Drawing