

# SHIVANI KAMMARI

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## Skill:

- HTML/CSS
- Problem Solving
- Python
- Basics of SQL

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## QUALIFICATIONS

<b>Bachelor of Technology in Electronics and Communication Engineering</b> Vignana Bharathi Institute of Technology, Hyderabad, Telangana, India.	<b>2018-2022</b>
<b>Board of Intermediate – MPC</b> Narayana Junior College, Hyderabad, Telangana, India	<b>2016- 2018</b>

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## PROJECTS

### Project 1: - Agribot




- Designed and developed an AgriBot prototype capable of automating essential farming tasks such as seed sowing and pesticide spraying, aimed at increasing efficiency in small-scale agricultural practices.
- Integrated hardware components like sensors, motors, and microcontrollers to enable real-time environmental data collection and autonomous field navigation.
- Collaborated on the complete system architecture, from circuit design to programming, resulting in a cost-effective smart farming solution with potential for IoT integration.

### Project 2: - Social Distancing Device

- Designed and built a wearable device using Arduino and an ultrasonic sensor to detect the proximity of individuals and ensure social distancing during the COVID-19 pandemic.
- Programmed the system to trigger alerts (buzzer/vibration/LED) when another person enters a predefined unsafe distance range, enhancing public safety in crowded environments.
- Focused on creating a compact, low-cost prototype suitable for real-world applications in schools, offices, and public transport

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## CERTIFICATES

- **Certified in CSS** –  One Roadmap
- **Certified in Python** –  One Roadmap
- **Certified in SQL** –  One Roadmap

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## ACHIEVEMENTS

- **Participated in a technical PCB Designing event** – Demonstrated skills in circuit layout, schematic creation, and component placement using standard electronic design principles.
- **Active member of the Math Club** – Engaged in problem-solving sessions, math-based quizzes, and collaborative activities to strengthen analytical and logical thinking.