# Sandeep S

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## Career Objective:

Motivated and detail-oriented Computer Science Engineering student with a specialization in AI & ML, seeking an entry-level software development role. I am passionate about problem-solving, continuous learning, and contributing to innovative solutions in a dynamic organization.

## Education:

| Qualification | Institution | Year of Passing | CGPA / Percentage |
|---|---|---|---|
| B.Tech in Computer Science & Engineering (AI & ML) | Presidency University, Bangalore | 2026 (currently in $6^{th}$ sem) | 7.63 (as of $5^{th}$ sem) |
| Intermediate (12th Grade) | Bellary Indp pu college,Hospete road allipura-583104 | 2022 | 89.5% |
| S.S.L.C (10th Grade) | Gurudeva eng med high school Kudithini,Ballari - 583115 | 2020 | 97.44% |

## Skills:

Technical Skills

- Programming Languages**:** Python (Intermediate), Java (Basic)
- Database: MySQL (Basics)
- Web Technologies: HTML, CSS(Basic),JavaScript
- Data Structures & Algorithms: Arrays, Binary Search, Recursion

## Academic Projects:

### Borewell Rescue Robot for Child

- Designed and developed a borewell rescue robot to safely extract trapped children using Arduino Uno, gear motors, DC motors, an ultrasonic sensor, and a web camera.
- Implemented an ultrasonic sensor to detect the child's presence, triggering an alert through a beep sound.
- Implemented a gear motor mechanism that securely holds and lifts the child using a control switch.

### Cirrhosis Patient Survival Prediction

- Developed a Python-based ML model to analyze real-world data and predict patient survival rates.
- Utilized Scikit-Learn, Pandas, and Matplotlib for efficient data processing, analysis, and visualization.
- Enhanced predictive accuracy through hyperparameter tuning and validation techniques.
- Tool used: Python

## Achievements:

- Ranked in top 100 among 550 teams for Arduino project.
- Competed in taluk level football match and college level football league.

## Interest and Hobbies:

- Playing football and cricket

- Fitness and workouts