

# Sumana Shree C S

---

Email: shobhasumana71@gmail.com

LinkedIn: [www.linkedin.com/in/sumana-shree-574a142a5](https://www.linkedin.com/in/sumana-shree-574a142a5)

## Objective

A highly motivated engineering student with strong expertise in embedded systems, IoT, and software development. Seeking opportunities to leverage technical skills and creative problem-solving to contribute effectively to innovative projects and organizations.

## Education

1.Nagarjuna College of Engineering and Technology, Bengaluru

Bachelor of Engineering (B.E.) in Electronics and Communication Engineering\*

3rd Year, 5th Semester: 8.89 CGPA

Graduation: May 14, 2026

2.SHANTINIKETAN P U COLLEGE, Chickballapur

12th (Pre-University Course)\* – 73.3%

3.St. Joseph Convent, Chickballapur

10th\* – 80.3%

## Skills

- Communication
- Leadership
- Time Management
- Creativity
- Teamwork
- Work Ethic

## Technical Skills

Programming Languages: C, C++, Python, Arduino

Technologies: Arduino, IoT, Embedded Systems, Laser Security Systems

Software & Tools: MATLAB, Visual Studio, Fritzing, Proteus

## **Certifications & Licenses**

- Generative AI Certification – Simplilearn
- Prompt Engineering Certification – Simplilearn
- AI Tools Workshop – Conducted by Be10x
- IoT Hands-On Workshop – Certified
- IEEE Publication – Co-author of “Third Eye for Blind People Using Ultrasonic Vibrator Glove”
- Embedded Systems Project Certification – Recognized under MBA Innovative Projects

## **Languages Known**

Kannada, Telugu, English, Hindi, German

## **Relevant Coursework**

- Embedded Systems
- Artificial Intelligence
- IoT
- Data Structures
- Microcontrollers
- Health Tech

## **Projects**

### **1. Ultrasonic Vibrator Glove for Blind People**

Group Project, Published in IEEE

- Developed a system using ultrasonic sensors and vibration feedback to assist blind individuals in navigation.
- Designed and implemented the code and circuit, contributing to both software and hardware development.

## **2. Health Assistance App Development**

- Developed a user-friendly mobile app to help people manage their health independently.
- Focused on intuitive features for tracking health metrics and providing personalized suggestions.

## **3. Home Security System Using Arduino and Laser Technology**

- Developed a home security system using Arduino and laser sensors to create a motion-detecting alarm system.

## **Extracurricular Activities**

- Regular participant in table tennis and cricket.
- Engaged in technology and innovation workshops and presentations.
- Actively involved in college projects and research activities.

## **Interests**

- Reading books (fiction, self-development, and technology-related)
- Traveling to explore new cultures and ideas
- Listening to music (varied genres)

## **Awards, Accomplishments & Honors**

- Runner-Up – Table Tennis and Cricket (College-Level Tournaments)
- IEEE Paper Publication – Co-authored an innovative assistive tech research paper
- Project Presentation Recognition – Presented “Third Eye” at MBA Innovative Projects Showcase
- Academic Excellence – Maintained a CGPA above 8
- Poster Presentation – Topic on “Stars” selected during academic seminar

## Activities

- Arduino & Tech Projects – Built ultrasonic glove for blind users, laser-based home security, and a health-supportive app.
- Innovation Events – Participated and presented at MBA Innovative Projects.
- Presentations – Delivered technical sessions on embedded solutions and astronomy topics.
- Sports Participation – Competed in table tennis and cricket tournaments, achieving runner-up positions.
- Ongoing Learning – Regularly enhance skills through tech workshops and certifications.