

# BASAVARAJ M U

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## Summary

Passionate learner and analytical problem-solver. Currently pursuing BE at RV College of Engineering in Electronics and Telecommunication. Eager to contribute, learn, and make a positive impact in a dynamic environment.

## Education

<b>RV College of Engineering</b> CGPA - 8.61	(Dec 2020 - Present)	Bangalore, India
<b>Vaishnavi Chetana PU College</b> 12th std - 88%	(June 2018 - May 2020)	Davangere, India
<b>Kendriya Vidyalaya Sangathan</b> 10th std - 81.6%	(June 2017 - May 2018)	Belgavi, India

## Technical Skills

Programming Language : C++, Python, SQL.  
Web Development : HTML, CSS and Flask.  
Concepts : Operating Systems, OOPS, Computer Networks and ML.  
Tools and Technology : VS Code, Anaconda Navigator, Google Colab.

## Projects

### Minor Project - Steganography in Medical Data.

Apr 2023 - Aug 2023

This project employs Least Significant Bit (LSB) steganography to embed medical information discreetly within images.

LSB replacement in image pixels conceals data, ensuring patient privacy.

Retrieval of the hidden medical data relies on LSB extraction. This project will be implemented and deployed the project using Flask.

### Movie Recommendation System using ML

Developed a Content-Based Movie Recommender System utilizing Machine Learning techniques.

Developed a web application using flask for movie suggestions.

Technologies used : - CountVectorizer, cosine similarity, NumPy, Pandas, pickle and flask.

March 2023

### Speech to Text

Developed a speech to text Web application, implemented speech recognition using Python and Flask web framework and deployed on Azure using the Azure Web App Services with an accuracy of 95%.

Sep 2022 - Nov 2022

### Personal portfolio Website

Creating a personal portfolio website using HTML, CSS, and JavaScript is a great way to showcase your skills and projects.

And hosted the personal portfolio website on Microsoft Azure and make it accessible to the world.

Azure provides a reliable and scalable platform for hosting web applications and websites.

## Achievements

I have secured **4721<sup>th</sup>** rank in KCET.

Paper Publication - [Real Time Object Distance and Dimension Measurement using OpenCV in IEEE](#)

## Soft Skills

Adaptability, Teamwork, Time Management, Leadership, Multi-tasking.

Languages - English, Hindi and Kannada

## Extracurricular

Social Activity: I had worked with Agastya International Foundation as Volunteer from June 19, 2023 to July 22, 2023 and contributed 40+ hours of volunteering engagement in TEACHING department successfully.

Part of various NSS Program: 1. Plog run 2. Utsarga Marathon.

Interests: I like watching movies, Riding Bike and playing Badminton.