

Srushti S

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PROFILE SUMMARY:

An aspiring Electronics and Communication Engineering student with a genuine interest in building real-world skills. While still exploring technical areas, I'm motivated to learn, improve, and gain hands-on experience through practical exposure. Currently seeking opportunities where I can grow step-by-step, contribute with dedication, and shape a solid career foundation.

Qualification	Institution Name	Board/University	Year	CGPA/Percentage
B.E. ECE	J S S Academy of Technical Education, Bengaluru	V T U	2022-2026	Current CGPA= 7.31(5 semester)
12 th Grade	Viveka P U College, Kota, Udupi	Karnataka State Board	2022	86%
10 th Grade	Vishwa Vinayaka CBSE school, Thekkatte, Udupi	CBSE	2020	83 %

TECHNICAL SKILLS:

- Basic C programming.
- Arduino (Digital I/O, sensor interfacing)
- Microcontrollers (8085, 8051 basics – covered in curriculum)
- Practical knowledge of digital circuits (gates, multiplexers, counters, flip-flops)
- Hands-on experience with lab instruments (breadboard, multimeter, CRO, power supply, function generator)

ACADEMIC PROJECT:

Title: Speckle Noise Reduction in Ultrasound Images for improving the metrological evaluation of biomedical applications

Tools Used: MATLAB

Description:

Developed and implemented a noise-reduction algorithm to enhance ultrasound images by minimizing speckle noise using filtering techniques. The project focused on improving diagnostic image quality and clarity, which plays a vital role in medical imaging and analysis.

Outcome: Achieved significant improvement in image clarity and demonstrated effective application of image processing in MATLAB.

SOFT SKILLS:

- Adaptability: Quick to learn and take on new challenges.
- Problem Solving: Enjoy tackling problems and finding solutions.
- Teamwork: Work well with others to reach goals.
- Self-Motivation: Drive to work independently and grow.
- Time Management: Effectively balance tasks and meet deadlines.

HOBBIES & INTERESTS

- Carnatic classical music (vocal practice)
- Playing the ukulele
- Listening to music across various genres
- Gardening and planting.

DECLARATION

I hereby declare that the information provided above is true to the best of my knowledge and belief.

Date: 26/04/2025

Place: Bengaluru

Signature: Srushti S