

# Kavyashree S R

Student

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Bangalore,India

## Summary

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To obtain a challenging position in a reputed organization where I can utilize my technical and analytical skills developed through my academic background in Electronics and Communication Engineering, while contributing to the growth of the company and enhancing my professional experience.

## Educational Qualifications

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### JSS Academy of Technical Education Bangalore,India

December 2022

BE in Electronics and Communication Engineering

- CGPA:6.96

### Narayana Residential PU College Bangalore,India

May 2019

- Percentage:84.16

### S.Nijalingappa International School Hosadurga,India

March 2018

- Percentage:73.2

## Skills and Technologies

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### Technical skills:

- C Programming
- C++
- Python
- Low power VLSI Designing and Testing
- Embedded System Designing
- Data Structures and Algorithm
- Matlab

### Technologies and Tools:

- Xilin
- Matlab
- Cadence

**Soft skills:**

- Presentations
- Communication
- Volunteering
- Social media

**Projects:**

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**Harnessing Power through Footsteps using Transducers**

- Developed a system using piezoelectric transducers to convert footstep pressure into electrical energy.
- Stored the generated power for low-energy applications, promoting eco-friendly energy harvesting.

**Design and Performance Evaluation of CMOS Ring Oscillator for 5G Communication Systems**

- Designed a CMOS ring oscillator optimized for high-frequency operation in 5G communication systems using VLSI design principles.
- Evaluated performance metrics such as oscillation frequency, power consumption, and phase noise using simulation tools for improved signal integrity.

**Certifications:**

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- C Programming certification from cisco platform
- Matlab certification
- Ideation from Nasa
- Python Programming from cisco platform