

# Lanka Mokshagna Sri Sai

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## PROJECTS

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### Morse Code generator for both alphabets and numbers

[Link to Demo](#)

A software-based Morse code generator for both alphanumeric characters, implemented in the Keil uVision IDE to demonstrate fundamental programming and algorithm design skills. It efficiently translates input into a stream of Morse code signals.

### Audio Amplifier

[Link to Demo](#)

Developed and built a multi-stage audio amplifier circuit to amplify low-power audio signals, demonstrating a strong understanding of analog circuit design.

### Two-Way Intercom Circuit

[Link to Demo](#)

Designed and implemented a two-way intercom system for short-range voice communication, showcasing skills in audio circuit design and integration of microphone and speaker components.

## EDUCATION

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2023 - 2027	Bachelor's Degree at <b>Amrita Vishwa Vidyapeetam</b>	(GPA: 5.5/10)
2023-2021	intermediate at <b>Ascent junior college</b>	(percentage: 74)
2020	Class 10th state board at <b>Tirumala Educational Institutions</b>	(percentage:100)

## SKILLS

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Technical skills: c, keil, lt-spice, matlab, ansys, Proteus.

soft skills: communication,problem solving.

Technical skills: Circuit design, analog and digital electronics, signal processing .