

# Musham Varun

B.Tech - Electrical and Computer Engineering  
Shiv Nadar University, Delhi NCR

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## EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech	Shiv Nadar University, Delhi NCR	8.56 (Current)	2022-Present
Senior Secondary	Telangana State Board of Intermediate Education	92.0%	2022
Secondary	Telangana State Board of Secondary Education	10.0	2020

## PROJECTS

- **Keypad Based DoorLock System** Oct. 2023 - Nov. 2023  
*Course Project/Dr. Rohit Singh* GitHub  
– Successfully implemented a functional and reliable door lock system based on STM32 Development Board with user-friendly keypad interaction.
- **Morse Code Decoder** Dec. 2023  
*Winter Break* GitHub  
– Successfully implemented a Morse Code Decoder using a STM32 Development Board. Expanded the project's reach by adapting the code for Arduino UNO.
- **Simon Memory Game** Jan. 2024  
*Winter Break* GitHub  
– Developed interactive game logic and user interface for the Simon Memory Game.

## SKILLS

- **Programming:** Python, C, JavaScript\*
- **Tools/Frameworks:** VHDL, LTSpice, MatLab, Simulink
- **Operating Systems:** Windows, Linux\*
- **Microcontroller Programming:** : 8051, ATmega32 \* Elementary proficiency

## KEY COURSES TAKEN

- **Electrical:** Digital Electronics, Semiconductor Devices, Embedded Systems, Signals and Systems
- **Computer Science:** Introduction to Programming, Data Structures, Introduction to Python
- **Mathematics:** Basic Calculus, Probability & Statistics

## ACHIEVEMENTS

- **Dean's List Recognition**, For Top Performance (Top 10%) in a Semester Spring 2023, Monsoon 2023
- **CSS Merit Scholarship**, Awarded by Ministry of Education, India 2022 - Present

## EXTRACURRICULARS

- **Club Member**, IEEE 2023 - Present