



MAHALAKSHMI J

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ABOUT

I am a passionate Electronics and Communication Engineering student at JSS Academy of Technical Education, Bangalore, with a deep interest in VLSI, embedded systems, and the semiconductor domain. I have honed my skills in Verilog, C++, Python, C, and Embedded C through academic projects and hands-on experiences, including the "Design and Implementation of a Single Cycle Core RISC-V Processor".

TECHNICAL SKILLS

- Python (basics)
- Verilog HDL
- C language
- Embedded C

SOFT SKILLS

- Communication
- Leadership quality
- Active listener
- Problem solving

EDUCATION

YEAR	INSTITUTE	SGPA/Percentage				
2022- PRESENT	Bachelor of Engineering , Electronics and Communication <i>JSS Academy of Technical Education, Bangalore</i>	I	II	III	IV	V
		8.2	9.40	8.15	8.40	8.82
2020-2022	ASC PU College ,Bangalore	87%				
2020	KLE Society's School ,Bangalore	85%				

PROJECT WORK

PROJECT TITLE

- Design and Implementation of RISC-V Single cycle core Processor

HIGHLIGHTS

- Design and implement Single cycle core of RISC-V processor using Verilog ,which can perform Arithmetic and Logical operations to handle wide range of operations
- Verify functionality of RISC-V processor using testbench and simulate the same

LANGUAGES KNOWN

- English
- Kannada
- Hindi

CERTIFICATIONS

Machine Learning with Python: Foundations

Entry -Level Python Programming