



BRIEF OVERVIEW / CAREER OBJECTIVE / SUMMARY

Looking for a challenging role in a reputable organization to utilize my technical, core, and management skills for the growth of the organization as well as to enhance my knowledge about new and emerging trends in the IT sector.

KEY EXPERTISE / SKILLS

C Python R SQL

EDUCATION

SRM Institute of Science and Technology

2018 - 2022

B.Tech. - Electronics & Communication Engineering | Percentage: 78.00 / 100.00

SRI CHAITANYA, Guntur

2018

12th | state board of Andhra pradesh | Percentage: 91.00 / 100.00

SRI CHAITATNYA TECHNO, Guntur

2016

10th | state board of Andhra Pradesh | CGPA: 9.00 / 10.00

AWARDS AND SCHOLARSHIPS

- school level silver medal in drawing

PROFESSIONAL EXPERIENCE

VLSIUVM TECHNOLOGIES (OPC) PRIVATE LIMITED

June 1, 2021 - Present

Junior RTL Design Engineer

Key Skills: RTL DESIGNS Verilog

Worked with VLSIUVM Technologies Pvt Ltd., Nagpur as a junior RTL Design engineer for a period of 3 months I was contributed Verilog code generator project by creating synthesizable RTL designs code, developing test plans & performing simulation checks, and timing checking.

INTERNSHIPS

ECIL

Jan. 20, 2021 - March 19, 2021

VLSI Design Engineer

Key Skills: VLSI Verilog Digital Electronics

In this project, an 8-bit ALU was designed using Verilog Language. functional verification of design testbench is used and verified all functional operations

DRDO(DRDL)

Dec. 8, 2019 - Jan. 9, 2020

INTERN

Key Skills: Digital Electronics Digital Communication Antennas

learning the technologies used in missiles and understand the concepts

PROJECTS

Performance Evaluation of 6T SRAM cell using 90 nm Technology

Dec. 8, 2020 - April 17, 2021

Mentor: DR. RAMESH VADDI | Team Size: 4

Key Skills: Cadence (VM ware)

in this project performance evaluation of 6tsram cell topology and analyzing the different parameters using 90nm node

IMPLEMENTATION OF THE COMMUNICATION PROTOCOLS SPI BY THE HDL-VERILOG LANGUAGE

Dec. 6, 2020 - April 17, 2021

Mentor: DR. SIVA SHANKAR | Team Size: 4

Key Skills: EDA tools Model sim Altera XILINX(VIVADO)

In this project design and development of SPI by create the single input Master and single input Slave. The Finite State-Machines (FSM) are used for verification purposes.

From the RTL synthesis results are covered

IMAGE ENHANCEMENT BASED ON HARDWARE DESCRIPTION LANGUAGE.

Dec. 19, 2019 - April 19, 2020

Mentor: DR. SIVA SHANKAR | **Team Size:** 4

Key Skills: MATLAB XILINX(VIVADO)

The project deals with image enhancement techniques.

The main theme is the enhancement of image to find A) Threshold Operation B) Invert Operation C) Brightness Operation.

PUBLICATIONS / RESEARCH / WHITE PAPERS

Image enhancement based on hardware description language

July 2021

HDL USING FPGA | IJERT | **Mentor:** DR. OMJEE PANDEY | **No. of Authors:** 4

Key Skills: EDA tools Model sim Altera XILINX(VIVADO)

In this paper design and development of SPI by creating the single input

Master and single input Slave. The Finite State-Machines (FSM) are used for verification purposes.

From the RTL synthesis results are covered.

ACHIEVEMENTS

- Winner at C@NNECT 2021(Digi Trade), by Sir C.R.Reddy College of Engineering

SEMINARS / TRAININGS / WORKSHOPS

Microwave and Antenna Applications in 5G Institute Name: IEEE BANGALORE

Dec. 8, 2020 - Dec. 13, 2020

Key Skills: Antennas Microwave

Microwave and Antenna Applications in 5G, using few microwave antennas we can develop the 5g applications and uses in 5g for purpose of speed and better performances.

PYTHON

Oct. 5, 2020 - Oct. 24, 2020

Institute Name: APSSDC

Key Skills: Python

I STARTED LEARNING BASIC TO ADVANCE CONCEPTS OF PYTHON.

R

Sept. 7, 2020 - Oct. 5, 2020

Institute Name: 360 DIGITMG

Key Skills: R Python

I STARTED LEARNING R PROGRAMMING FOR SOLVING MATHEMATICAL PROBLEMS AND THEN LATER HOW IT USES WITH PYTHON FROM BASICS TO ADVANCE

CO-CURRICULAR ACTIVITIES

- cricket, chess, carroms, badminton

EXTRA CURRICULAR ACTIVITIES

- Core team member of SOCIO IMPACTO (SRM E-CELL) , LITERARY CLUB, MEDITATION AND YOGA CLUB , Currently working in WWF (worldwide fund for nature)

PERSONAL INTERESTS / HOBBIES

- Painting (watercolors), cooking, reading books(academic)

IMs

- WhatsApp - 6303977767

PERSONAL DETAILS

Gender: Male

Date of Birth: Aug. 30, 2001

Marital Status: Unmarried

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