

POLURU SAI CHAITHANYA

CONTACT

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SKILLS

VLSI
Digital Logic Circuits
Python
Data Structures and Algorithms
Communication
C
SQL (Basics)
Work Ethic

EDUCATION

GITAM UNIVERSITY

2021-2025 (cgpa-8.47)

Electronics and Communication
Engineering

Narayana Junior College

2019-2021 (96.60%)

Intermediate-MPC

Sri Chaitanya Techno School

2017-2019 (gpa-9.8)

10th – State Board

HOBBIES

Photography
Gardening
Blogging
Sports
Music

SUMMARY

Enthusiastic Engineer with a strong foundation in fundamental concepts and a drive to excel in the field. Ready to embark on a career path that offers challenges, growth opportunities, and the chance to make a positive impact and being optimistic in life.

EXPERIENCE

1stop.ai - VLSI (Internship)

(OCT-NOV 2023)

- Developed and implemented a traffic light controller for a cross-shaped intersection using Verilog as part of an internship project.
- Worked under the guidance of mentor and company.
- Motivated and encouraged team members to communicate openly and constructively with each other.

Intel Unnati Summer Training Intern

(MAY-JULY 2023)

- I worked as an intern tasked with optimizing large language model for deployment on Intel AI hardware using OpenVINO.
- Developed an AI chatbot for the allotted problem statement.

PROJECTS

Traffic Light Controller – VLSI

[LINK](#)

Implementation of a 6-state finite state machine traffic light controller for cross intersection in Verilog. Performed a rich number of simulations to validate correct behavior on traffic light controller for smooth state transitions and accurate lighting configurations.

Artificial Intelligence Chatbot – INTEL

[LINK](#)

This project involves creating a customized chatbot to address queries and FAQs for Gitam University. The chatbot leverages fine-tuned pre-trained Large Language Models (LLMs) using Intel AI Tools and Intel® OpenVINO™.

CERTIFICATIONS

- Python Data Structures issued by University of Michigan - Coursera
- Gmail authorized by Google Cloud – Coursera
- Basic Environmental Engineering and Pollution Abatement (Elite) – NPTEL by IIT Roorkee.
- TCS ION Career Edge – Young Professional skills.
- VLSI intern and project completion certificate by Apsis Solutions(1stop.ai).
- MATLAB onramp - MathWorks