POLURU SAI CHAITHANYA

CONTACT

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🌐 **Website**

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 Electronics and Communication 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.

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
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 Carrer Edge – Young Professional skills.
• VLSI intern and project completion certificate by Apsis Solutions(1stop.ai).
• MATLAB onramp - MathWorks