

SOMA NAVADEEP REDDY

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EDUCATION

Teegala Krishna Reddy Engineering College, Hyderabad

08/2019 – 06/2023

B.Tech in Information Technology

CGPA: 6.55

Narayana Junior College, Hyderabad

06/2017 – 04/2019

Intermediate (TSBIE)

Percentage: 92.6%

Sri Chaitanya Techno School, High School, Hyderabad

06/2016 – 04/2017

Secondary School (SSC)

CGPA: 8.0

AREAS OF INTEREST

- Data Mining and Exploration
- Database management
- Data Analytics
- Data Visualization and Optimization

PROJECTS

- **Inventory Management System**

The Inventory Management System is a Windows application designed to streamline record-keeping for business operators, minimizing errors and improving inventory control. Utilizing Microsoft Visual Basic 2010 for the frontend and SQL Server Database 2008 for the backend, this system efficiently manages purchases, sales, and replenishment, eliminating manual processes and enhancing overall operational speed.

- **Density Based Smart Traffic Control System**

The paper proposes automating green signal allocation using the Canny Edge Detection Algorithm, determining traffic congestion based on the count of white pixels in uploaded images, and adjusting green signal time accordingly.

TECHNICAL CERTIFICATIONS

- Achieved a certificate of NASSCOM Digital Skilling Initiative.
- My SQL basics – Lets Upgrade
- HTML & CSS – Lets Upgrade
- Participated in student enrichment program conducted at SPAES research and learning center during my schooling.
- Participated in NSO, IMO

TECHNICAL SKILLS

Languages: C, C++, JAVA, Python

Database: SQL

Web Technologies: HTML, CSS

SOFT SKILLS

- Leadership skills.
- Time Management.
- Problem solving.
- Critical thinking.
- Decision making.

EXTRACURRICULAR ACTIVITIES

- Coordinator and Event Organizer in both Technical and Cultural events at my college.
- Member of a Student organization in my college.
- Volunteer in a rural area and worked in public services in my community.

DECLARATION

I hereby declare that all the details furnished above are true to the best of my knowledge and belief.

