T DATTA SAI TEJA

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EDUCATION

Aditya college of Engineering and Technology	*Surrempalem, India*
B-Tech CSE, CGPA: 6.87/10	*May 2023*
Sri Chaitanya Junior College	*Kakinada, India*
Intermediate, GPA: 9.67/10	*Jun 2019*
Vivekananda High School	*Kakinada, India*
CBSE, CGPA: 9.7/10	*Jun 2017*

SKILLS AND INTRESTS

- **Technical skills:** Java , Python , Go , SQL, HTML , CSS , JavaScript.
- **Architectural design patterns:** Web MVC , RESTFULL API'S
- **Tools and Platform:** Git , Github ,VS Code ,postman, Eclipse, Docker.
- **Professional Interests:** Back-end Development , System design .
- **Personal Interests:** Workout , playing games, reading books
- **Languages:** English, Hindi, Telugu.

UNIVERSITY PROJECTS

Project: Real-Time Firefighter Monitoring System

This is project designed to assist firefighters for tracking the fire accidents in households, institutions etc.. and to provide the location of the incident. It consists of 2 applications:-

1. Fire capture Application
2. Fire Fighter monitoring server

Fire Capture:-

1. This application use C.C cameras connected to the computer to check the fire in its range.
2. In case of fire accident this application sends alert to the Fire Fighter monitoring server which assist fire fighters.
3. Civilians can register their data (mobile number and address) for notifications.
4. Technologies used:-
   - Python
   - openCV
   - TKinter

Fire Fighter monitoring server:-

1. This application works based region of the fire station , maps the alerts from that particular region of fire station.
2. If alert is raised, server sends notification to fire fighter in that region and they can view the location of incident from the website.
3. To send the notification in real time , Twilio communication API's id used and Short Polling is used to view the alert in website.
4. Technologies used:-
   - nodeJs
   - Twilio
   - MySQL