SURAJ ADDAGATLA

Hyderabad • addagatlasuraj2003@gmail.com• +919014881590

LinkedIn: https://www.linkedin.com/in/suraj-addagatla-469aa4263

SUMMARY

A technology enthusiast with expertise in programming languages such as Python and C++, as well as web development technologies such as HTML5, CSS, and JavaScript. Demonstrated proficiency across a variety of projects, including GSM-based fire alert systems and novel image compression methods. Earned commendable ranks in the TS ECET (11th) and AP ECET (14th), as well as third place in a quiz competition at JNTUH. Known for effective multitasking and quick learning. Eager to use my abilities and contribute to the progress of the technology.

EDUCATION

- **VNR Vignana Jyothi Institute of Engineering And Technology**   **Hyderabad**
  Bachelor of Technology in Electronics and Communication (ECE)   2022-2025
- **Government Institute of Electronics**   **Secunderabad**
  Diploma in Embedded Systems   2018-2022
- **Sri Chaitanya High School**   **Korutla**
  SSC   2017-2018

TECHNICAL SKILLS

Programming Languages	:	Python, C++, Java, C
Web Technologies	:	HTML5, CSS and Java script
Software Tools	:	Matlab, Arduino IDE, Jupyter Notebook, Pycharm, VS studio, Xilinx Design Suite – 14.7

SOFT SKILLS

- Focussed
- Communication Skills
- Teamwork
- Leadership
- Multi-tasking
- Time Management

PROJECTS

- **GSM BASED FIRE ALERT SYSTEM**: This system's objective is to identify and notify users of fires in buildings or shopping centers. It can also call emergency contacts and the building owner to guarantee that immediate action is done in the event of a fire.

- **ACCIDENT ALERT SYSTEM:** Such technology is primarily intended for 4-wheelers and can detect if an accident has occurred or not. If an accident is detected, it can immediately notify emergency contacts and the driver's family members, informing them of the situation and seeking assistance if needed.
- **LOSSLESS IMAGE SIZE COMPRESSION**: MATLAB-based system can compress an image while maintaining its quality. It ensures that the image preserves its original clarity and quality while decreasing storage space requirements.
- **TEXT EXTRACTION FROM IMAGE USING PYTHON**: A system like this uses Python programming to extract text from photos. It can recognize and extract text from photos with high accuracy, as well as translate the extracted text into any language.
- **BATTERIES OVERCHARGING PROTECTION CIRCUIT**: Designed as a protective measure for devices with rechargeable batteries, this circuit terminates the flow of current to the battery once it is fully charged. This prevents overcharging, which can cause damage to the battery and the device.

CERTIFICATIONS

- NPTEL Certification in Machine Learning
- Udemy Certification in Python for beginners.
- Certificate of Participation in IOT HACKATHON-2K22.
- Certificate of Participation in PCB-WORKSHOP.
- Certificate of Participation in Convergence.
- Certificate of Participation in Technical Quiz at JNTUH.
- Certificate of Participation in Drone Workshop.
- NIPRO Certification in PGDCA.

ACHIEVEMENTS

- Gained 11th Rank In TS ECET(ECE).
- Got 14th Rank In AP ECET(ECE).
- Secured 3rd Position In Quiz Competition Held At JNTUH.
- Received accolades for Best Performance in Essay Writing at the school level.
- Won Best Performance in School Exhibition, Science Fair at school level.

PERSONAL INFORMATION

Gender   : Male   **Languages Known** : Telugu, English
Nationality : Indian   **Fathers Name**   : A. Srinivas
 Address   : H. No:1-2-209/2/3/2, Prakasham Road, Korutla, Telangana, 505326

DECLARATION

I hereby declare that the above-mentioned information is true to the best of my Knowledge and that I will be responsible for any deviation from the truth of these facts.

Place: Hyderabad   **Date:** 04-03-2024

                                                                                              (A. Suraj)