

HEMANTH GIDUTURI

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Rajamahendravaram, Andhra Pradesh - 533101, India

OBJECTIVE

Constantly seeking to engage my knowledge to learn something useful and keep challenging myself to be a better performer in accordance with the company's requirements.




SKILLS

- **Technical Skills:** Python, Java, HTML, CSS, JavaScript, Data Structures and Algorithms.
- **Soft Skills:** Problem Solving, Creative Thinking, Agile mindset, Team Player.
- **Robotics Technologies:** Arduino, ESP32, Raspberry pi.

EDUCATION

- **Sagi Rama Krishnam Raju Engineering College** 2021 - 2025
Bachelor of Technology Bhimavaram, India
* GPA: 7.77/10.00
- **Tirumala Junior College** 2019 - 2021
Intermediate Education Rajamahendravaram, India
* Score: 956/1000
- **Tirumala High School** 2018 - 2019
Secondary Education Rajamahendravaram, India
* GPA: 9.7/10

PROJECTS

- **LoRa Communication Project:** July 2023
Tools: Arduino IDE, C++(Arduino programming), Arduino Board, LoRa SX1278 module. 
 - * Developed long-range IoT system using LoRa SX1278 and Arduino for real-time data transmission over 10 km.
 - * Integrated environmental sensors and programmed autonomous vehicle navigation.
 - * Designed remote control and communication protocols for reliable wireless operation.
 - * Demonstrated expertise in IoT, embedded systems, and wireless communication.
- **English to Hindi Text translating using GAN Model:** May 2024
Tools: Python, Numpy, Pandas TensorFlow, matplotlib. 
 - * Developed English-to-Hindi text translation system using a GAN-based deep learning model.
 - * Leveraged adversarial learning to enhance translation accuracy and linguistic fluency.
 - * Preprocessed bilingual datasets and implemented tokenization and word embedding techniques.
 - * Fine-tuned model architecture for improved performance and generalization.
- **Object Detection using Deep Learning :** August 2024
Tools: Python, Numpy, Pandas, TensorFlow, Opencv, YOLO. 
 - * Implemented real-time object detection system using deep learning and YOLO models with TensorFlow.
 - * Achieved accurate object identification and localization in images through model training and evaluation.
 - * Improved model performance via data preprocessing, augmentation, and hyperparameter tuning.
 - * Demonstrated expertise in computer vision, convolutional neural networks (CNNs), and AI-based automation.

CERTIFICATIONS

- Yukti Innovation Challenge Certificate.
- IETE Leadership Certification.