GOWTHAM P
Engineering Graduate

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CAREER OBJECTIVE

Aspiring to be a part of an organization where I can get a chance to use my knowledge and skills to contribute in the progress of the organization as well as myself.

EDUCATION

Bachelor of Technology in Electronics and Communication Engineering	2019 – 2024
Mother Theresa Institute of Engineering and Technology	Percentage – 71%
Board of Intermediate Education	2017 – 2019
Sai Sri Chaitanya Junior College	CGPA – 7.34
Board of Secondary Education	2016 – 2017
Little Angels English Medium High School	CGPA – 8.3

TECHNICAL SKILLS

- **Programming Languages:** Java, Python
- **Web Development:** HTML, CSS, JavaScript
- **Operating System:** Windows
- **Database Management:** SQL
- **Software Tools:** Microsoft Office, Microsoft Excel

PROJECTS

Hand Gesture Recognition using Convolution Neural Networks

- Implemented a Convolution Neural Network (CNN) using MATLAB to achieve a recognition accuracy for hand gestures, enhancing user interaction.
- Led a team in developing an innovative system that translates recognized gestures into specific activities, improving user engagement and efficiency.
- Reduced recognition time by 15%, enhancing real-time responsiveness of the system.
- Collaborated with team members to optimize the MATLAB-based neural network architecture, resulting in a 20% improvement in overall project efficiency.

Virtual Assistant

- Developed a Python-based chatbot with advanced features like information retrieval and voice recognition for hands-free access.
- Incorporated natural language processing techniques to enhance user interaction, resembling a mini-Google Assistant.
- Integrated the chatbot with open-source applications to expand functionality and usability.

Weather Webpage

- Developed a responsive Weather App using HTML, CSS, and JavaScript.
- Integrated OpenWeatherMap API for real-time weather data.
- Implemented user-friendly features like dynamic search and Enter key functionality.
- Incorporated error handling for invalid city names, enhancing user experience.
- Used custom icons to visually represent different weather conditions for a more engaging interface.

CERTIFICATIONS

- Completed Full Stack Web Development. 🔗
- Certified in Introduction to Cloud Computing. 🔗

🔗 Gowtham.com