GOWTHAM P

College Graduate | Software Developer

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Location: Palamaner, Andhra Pradesh

CAREER OBJECTIVE

Aspiring entry-level Software Developer skilled in HTML, CSS, and JavaScript. Eager to contribute to user-friendly web applications and enhance expertise in both Front-End and Back-End technologies within a collaborative team.

EDUCATION

Bachelor of Technology in Electronics and Communication Engineering   August 2019 – September 2023
Mother Theresa Institute of Engineering and Technology   CGPA – 7.0

Board of Intermediate Education   April 2017 – May 2019
Sai Sri Chaitanya Junior College   CGPA – 7.34

TECHNICAL SKILLS

- **Programming Languages:** Java, Python
- **Web Development:** HTML, CSS, JavaScript
- **Database Management:** SQL
- **Software Tools:** Microsoft Office
- **Version Control:** Git

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.