

Goddati Bala Krishna Prasad

Visakhapatnam, India

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Work Experience

BharatIntern

Remote

Web-Developer Intern

Oct. 2023 - Nov. 2023

- Completed Bharath Intern's virtual program, focusing on web development. Executed projects: a Netflix clone and a temperature converter using HTML, CSS, and JavaScript.
- Demonstrated adept problem-solving and analytical skills. Acquired foundational knowledge in Computer Science, Cybersecurity, Networking, and Operating Systems.
- Developed an understanding of Security Operations Engineering principles, including incident severity assessment, containment, mitigation, and remediation.

InternPE

Remote

PYTHON INTERN

Nov. 2023 - Dec. 2023

- Assisted in developing Python-based solutions for various projects under the guidance of senior developers.
- Collaborated with team members to troubleshoot and debug software issues, contributing to the timely delivery of high-quality products.

Projects

Hand Gesture Based PPT Controller

Python, OpenCV

Controlling ppt using hand gestures

Github

- Developed a Hand Gesture Based PPT Controller using OpenCV and machine learning algorithms.
- Achieved real-time gesture recognition for seamless navigation through PowerPoint presentations.
- Ensured robust performance and user-friendly experience through thorough testing and optimization.
- Repository: [Hand Gesture Based PPT Controller](#)

Lemur - Ai Voice Assistant

Python, Speech recognition

REALTIME Voice Assistant APPLICATION

Github

- Developed a Python-based Lemur AI voice assistant utilizing speech recognition libraries for seamless interaction via voice commands.
- Integrated natural language processing (NLP) algorithms to enhance conversational capabilities, enabling the assistant to understand and respond accurately to user queries.
- Conducted rigorous testing and debugging to ensure reliability, accuracy, and responsiveness of the voice recognition and response system.
- Repository: [lemur-Ai-Voice-Assistant](#)

Smart Agriculture Application

Python, OpenCV, and Mediapipe

Plant Monitoring APPLICATION

Github

- Led the development of an IoT-based smart agriculture system.
- Integrated real-time data acquisition, crop disease identification using OpenCV, and machine learning for early detection.
- Utilized Python with OpenCV for image processing and API integration for weather forecasting.
- Repository: [SmartAgriApplication](#)

Technical Skills

Strongest Areas

Data Structures, Algorithms

Programming Languages

C, Python, Java, Javascript

Libraries/Frameworks

React.js, Express.js, Node.js, HTML5, CSS3

Database

MongoDB, Firebase, PostgreSQL

Education

CMR College of Engineering Institute of Technology

Hyderabad, India

Information Technology

Nov. 2021 - June. 2025

- 8.01/10

Minor Degree in Artificial Intelligence and Machine Learning

Oct. 2023 - June. 2025

- 9.00/10