

TEJASWI KANNEKANTI

Cincinnati | tejaswikannekanti0403@gmail.com | <https://www.linkedin.com/in/tejaswi-kannekanti-b37a92215/> | +1 (513) 348-5400

EDUCATION

Master of Engineering in Computer Science

- University of Cincinnati, Cincinnati, Ohio

Anticipated Graduation: Dec 2024

Bachelor of Technology in Computer Science and Engineering

- Andhra University, India

Aug 2019 – May 2023

TECHNICAL WORK EXPERIENCE: WEB DEVELOPER INTERN

Infinity connects media

Jan 2023 - May 2023

- Spearheaded the implementation of mobile optimization strategies, resulting in a seamless and intuitive browsing experience for users. This initiative led to a notable surge in online food orders, driving revenue growth.
- Played a pivotal role in the technical development of the restaurant website, leveraging expertise in web development to enhance functionality and optimize performance. Collaborated closely with team members to ensure the successful execution of project objectives.
- Demonstrated a relentless commitment to delivering excellence by integrating innovative design elements and user-centric features into the website. Championed usability enhancements, resulting in elevated user satisfaction and increased engagement metrics.

ACADEMIC PROJECTS

Conversion of Sign language to text using Machine Learning

Jan 2023 – May 2023

- Developed an innovative American Sign Language (ASL) sign recognition system by leveraging computer vision and machine learning techniques.
- Utilized OpenCV (cv2) and the Cvzone library to achieve precise hand detection, incorporating the Mediapipe hand tracking model for accurate hand landmark identification.
- Implemented a pre-trained convolutional neural network (CNN) model, fine-tuned on an extensive ASL sign dataset, at the core of the project.
- Pioneered efforts to streamline communication between ASL users and those not proficient in sign language, aiming to bridge the communication gap effectively.
- Achieved a remarkable 93% accuracy in mapping hand gestures to their respective ASL signs, demonstrating the system's effectiveness in real-world applications

Online Banking System

Mar 2022 – May 2022

- Led the design and development of a secure and feature-rich online banking system website.
- Established robust user authentication and authorization protocols, ensuring stringent data privacy measures and regulatory compliance.
- Employed PHP for the back-end architecture and seamlessly integrated MySQL for efficient data storage and management.
- Crafted a responsive front-end interface using HTML, CSS, and JavaScript, enhancing user experience across various devices.
- Empowered customers with essential banking functionalities, including account management and seamless funds transfers, resulting in heightened user engagement and satisfaction.

SKILLS

Technical Skills

- Programming Languages: C, Python.
- Web Development: HTML, CSS, JavaScript, TypeScript, Angular, React, Nodejs.
- MySQL
- DBMS
- Problem Solving.
- Data Structures
- PowerPoint
- OOPS
- AWS

CERTIFICATIONS & TRAININGS

- Problem Solving(Basic) by Hackerrank
- SQL(Basic)Certificate by Hackerrank
- Online training on Python by Coursera
- Certificate for web development by Internshala