

# Bhuvaneshwari Terala

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## EDUCATION

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<b>Gokaraju Lailavathi Womens Engineering College, Hyderabad</b> Bachelor of Engineering - Information Technology (CGPA 8.6)	2021 - 2025
<b>Narayana Junior College, Hyderabad</b> Intermediate - MPC (97.4%)	2019 - 2021
<b>Vikas Grammar School, Siddipet</b> Secondary School Certificate (CGPA: 10.0)	2006 - 2019

## TECHNICAL SKILLS

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**Languages:** Python, JavaScript, SQL

**Technologies & Tools:** NodeJS, ExpressJS, REST API, Git

**Others:** OOPS, DBMS, HTML5, CSS4, Bootstrap, Data Structures and Algorithms

## PROJECTS

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### Food Munch | *HTML5, CSS4, Bootstrap*

- Developed a responsive website to explore a comprehensive list of over **100 food items**, enhancing user engagement through a streamlined interface.
- Designed with a user-centric approach, utilizing **HTML5 structure elements and Bootstrap** components to ensure a seamless experience across various devices and screen sizes.
- Integrated product videos, allowing users to view detailed close-ups of food items with a single click, improving the interactive quality of the site.

### Todos Application | *HTML5, CSS4, JavaScript, Bootstrap*

- Developed a comprehensive Todo management tool with a user-friendly interface using HTML5, CSS4, and Bootstrap, leading to a **20% reduction in task management time**.
- Implemented JavaScript-based **CRUD** operations with dynamic UI updates for efficient task management, utilizing **DOM** manipulation techniques.
- Improved personal **productivity by 25%** through streamlined task organization and tracking. Ensured task persistence and security using local storage methods

### Hand Gestures Recognition | *Python, TensorFlow, OpenCV, Mediapipe*

- Developed a hand gesture recognition system utilizing a camera to capture images or videos of the hand.
- Implemented advanced **computer vision algorithms** to accurately extract features such as the position, orientation, and movement of the hand and fingers, achieving an **accuracy of 85%**.
- Enhanced user interaction capabilities, enabling intuitive control and commands through gesture-based inputs.

## AWARDS & CERTIFICATIONS

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- Achieved a certificate from **NPTEL for scoring 61% in the Python exam**.
- Secured a rank of **2266 in the Tri-Color Code Fest** conducted by Coding Ninjas, demonstrating strong problem-solving and coding abilities.
- Achieved **2nd place in the Seekh 2022** competition, hosted by the college, for a project on generating electricity through rainwater.
- Completed certifications in Python, JavaScript, Node.js, Express.js from **NxtWave CCBP 4.0 Academy**.