GANGADHAR PEPAKAYALA

Yeleswaram, Andhra Pradesh

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in www.linkedin.com/in/gangadhar-pepakayala-61b388237 </> git - github.com/iron-man-22

OBJECTIVE

To secure a challenging role where I can apply my skills, continuously enhance my expertise, and contribute fully to the organization's growth by delivering innovative solutions, maintaining excellence, and driving impactful results. Good and quick learner, team player, love to learn new things, flexible with different technologies.

EDUCATION

Godavari Institute of Engineering & Technology   2021 - 2025
Bachelor of Technology in Computer Science (CGPA of 8.4)   *Rajahmundry, India*

Sri Surya Jr College   2019- 2021
Senior Secondary (with marks - 927)   *Yerravaram, India*

HOD A.M.G RES(E.M) HIGH SCHOOL   2018-2019
Secondary Education (CGPA of 9.0)   *Yeleswaram, India*

SKILLS

Programming Languages: C, Python, Java, JavaScript

Web Technologies: HTML, CSS, Django , Bootstrap , Node.js, React.js

Databases: MySQL

Tools & Technologies : GitHub, VS Code,Artificial Intelligence, Machine Learning, PowerBI, Microsoft Word

Languages Known: English , Telugu

PROJECTS

Contextual Audio Description - Real Time Image Analysis For Visually Impaired (Main Project)
- Technologies used : Flask, Speech Recognition, NLP, Visual Question Answering
- Contextual Audio Description - Real Time Image Analysis is a system that allows visually impaired people easily interact with the environment by asking questions about a captured image through voice commands.
- It combines real-time audio input, image capture, and AI-based image question answering with audio output mainly useful for visually impaired people.

Carpentry Web Application (Intetnship) | *Python, HTML, CSS, Bootstrap, SQL*
- This is a web application allows users to buy the home furniture such as Chair,Door,Bed,etc through online. They also order for own designs.
- This is the best helpful web application to the carpenters.And this will help the carpenters to expand their business over internet.

Ai Powered TelegramBot (Internship) | *Python, Generative ai(Gemini API), Weather API*
- TelegramBot is a bot which provide weather updates , question answers using ai (integrated gemini ai) .
- Also converts images into pdf and also doc file.

Personal Portfolio Website | *GitHub Pages, HTML, CSS, JavaScript*   Preview
- Designed and developed a fully responsive personal portfolio website to showcase projects, skills, and experience.
- Hosted the site using GitHub Pages for seamless deployment and accessibility.

Nextflix Clone (Frontend) | *HTML, CSS*   Preview
- Developed Netflix Clone using HTML and CSS.Created a pixel-perfect clone of the Netflix landing page using HTML and CSS.

E-Commerse Website | *HTML,CSS,React Vite* <u>Preview</u>
- Developed a functional e-commerce website of Beauty Products with a clean UI for browsing, selecting, and viewing products.
- It is a fully functional shopping site using React + Vite for optimized performance and fast development.Used React hooks for efficient state management and component-based architecture for modularity.

Object Detection (Internship) | *Python, YOLOv8, Machine Learning*
- Implemented object detection using YOLOv8 on a car dataset, achieving high accuracy in identifying and classifying various vehicles within images.
- Also implemented bone fracture detection using YOLOv8 on fractures dataset, achieving high accuracy in detecting fractures.

Image Classification (Internship) | *Google's Teachable Machine*
- Built an image classification model using Google's Teachable Machine platform, involving custom dataset collection, training, and real-time classification. Trained the model on multiple image classes to accurately identify and categorize objects using a webcam or uploaded images.

Visual Question Answering using BLIP (Internship) | *BLIP, Hugging Face, Python, VQA*
- Implemented a Visual Question Answering (VQA) system using the BLIP (Bootstrapped Language-Image Pretraining) model from Hugging Face.
- Enabled the model to generate accurate answers to natural language questions based on image content, combining vision and language understanding.

CERTIFICATES

- **Java Certification**: Java Certification from NPTEL (National Programme on Technology Enhanced Learning), Kharagpur with 70 % score.

- **Django Internship Certificate**: From APSSDC Vijayawada,2023.

- **AIMERS Internship Certificate**: From AIMERS (Artificial Intelligence Medical and Engineering Researchers Society), specializing in artificial intelligence ,2024.

- **Java Basics Certificate**: From Hackerrank,2024.

- **Python Basics Certificate**: From Hackerrank,2024.

- **React Certificate**: From IBM Edx ,2024.