AMBATI MOKESH REDDY

Andhra Pradesh

+917032183762 | ambatimokeshreddy@gmail.com | http://www.linkedin.com/in/mokeshambati |

https://github.com/ambatimokeshreddy | https://ambatimokesh.github.io/portfoli-o

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Am passionate and driven Computer Science graduate from Mohan Babu University. I enjoys building real-world applications and has hands-on experience in web development and smart tourism solutions. Am fast learner who thrives on solving problems through creativity, teamwork, and purpose-driven technology.

Education:

- Bachelor of Computer Applications: 85.7% - 2022-2025 MOHAN BABU UNIVERSITY, Tirupati

- Intermediate: BIPC| 79.5% - 2018-2020 Sri chaitanya junior college, Kurnool

- Ssc : 8.8(gpa) | 2017-2018
  Sri chaitanya E.M school , Nandyala

Technical Skills:

- Front-end: HTML , CSS , JAVA SCRIPT
- Database: SQL
- Operating Systems: Windows
- Programming Languages: c-programming

Soft Skills:

- Strategic Communication
- Organizing
- Leadership
- Team work
- Adaptive Learning

Certifications:

- INTRODUCTION TO GENERATIVE AI--Certified by Google cloud skill boost
- PROMPT DESIGN IN VERTEX AI--Certified by Google cloud skill boost
- WEB DEVELOPMENT--Certified by Bharath intern company for completing a virtual internship
- DATA ANALYTICS AND VISUALIZATION JOB SIMULATION--Certified by Accenture
- INTRODUCTION TO SOFTWARE PROGRAMMING AND DATABASES—Certified by   IBM

Work Experience:

Promtp design in vertex ai   JUN/2024–JUN/2024

- Complete the introductory Prompt Design in Vertex AI skill badge to demonstrate skills in the following: prompt engineering, image analysis, and multimodal generative techniques, within Vertex AI.
- Discover how to craft effective prompts, guide generative AI output, and apply Gemini models to real-world marketing scenariosWorked with a one stop company 6 months duration for the internship and deliver a projects on time.

Web Development Intern   OCT/2024–NOV/2024

- Skilled in designing and implementing user interfaces and experiences for web applications using modern front-end technologies like Html , Css , Javascript
- Cascading Style Sheets, is a stylesheet language used to control the presentation and layout of web pages written in HTML.
- HyperText Markup Language, is the standard language used to create and design web pages.
- JavaScript allows you to create interactive elements on web pages, such as buttons that trigger actions

Mini-Project
Data Preprocessing and Feature Extraction using SURF, LBP , HOG

- This mini project focuses on enhancing image analysis through effective data preprocessing and feature extraction techniques using SURF, HOG, and LBP.
- It begins with preprocessing steps like grayscale conversion, normalization, and noise reduction to prepare images for accurate analysis.
- SURF detects keypoints robust to scale and rotation, HOG captures object shapes through gradient orientation, and LBP extracts texture features by comparing pixel neighborhoods.
- Python libraries like OpenCV and NumPy were used to implement and visualize these techniques. The combined use of these methods improves object detection, facial recognition, and texture classification accuracy.

Skills Applied: Python programming, using libraries like OpenCV, NumPy, and Matplotlib for image processing and visualization. Key skills include feature extraction techniques, image preprocessing, and implementing SURF, HOG, and LBP algorithms.

Project:
Travel Eazy: Personalized AI-Powered Tourism in India

- *Travel Eazy* is a Python-based web application designed to revolutionize travel planning in India by integrating machine learning.
- It provides personalized travel recommendations based on user inputs like health conditions, preferences, and interests. With separate Admin and User modules, it maintains up-to-date tourist information and offers a smooth booking experience.
- The platform enhances accessibility by considering mobility, allergies, and dietary needs. It aims to simplify trip planning, promote inclusive tourism, and improve user satisfaction.

Skills Applied: The project utilized skills in Python programming, Flask framework, and machine learning models such as Random Forest, KNN, and Gradient Boosting. Additional skills include web development (HTML, CSS, Bootstrap), user data handling, real-time recommendation systems, and UI/UX design.