AMBATI MOKESH REDDY

Andhra Pradesh

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https://github.com/ambatimokesh

Data Analyst & Web Developer passionate about turning data into insights and ideas into interactive digital solutions. Skilled in **Power BI, Excel, Python, HTML, CSS, and JavaScript**, with a focus on building data-driven, user-friendly web applications.

Education:

- Bachelor of Computer Applications: 85.6% - 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
- Programming Languages: c, Python(Basics)
- Tools: Power BI
- Database:Sql
- Operating Systems: Windows, Git & Github

Soft Skills:

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

Certifications:

- DATA ANALYTICS AND VISUALIZATION JOB SIMULATION--Certified by Accenture
- 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

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

Project:

Product Sales Dashboard: Data-Driven Business Insights

- The Product Sales Dashboard is an interactive business intelligence project designed to visualize and analyze sales performance across multiple regions, products, and time periods.
- It enables stakeholders to monitor key metrics such as total revenue, profit, quantity sold, and category-wise performance through dynamic visuals and filters.
- The dashboard provides actionable insights for data-driven decision-making, helping identify sales trends, top-performing products, and areas needing improvement.

Skills Applied: The project utilized skills in Power BI, data cleaning and transformation (Power Query, Excel), DAX measures, and data modeling. Additional skills include data visualization, dashboard sales analytics, and business intelligence reporting.

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.

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.