

DHRUV NADAMUNI

✉ dhruv.nadamuni@outlook.com  [linkedin.com/in/dhruvnvs](https://www.linkedin.com/in/dhruvnvs)

 github.com/Dhruv-80

Skills

Soft Skills: Team-player, Good Communicator, Ambitious, Self-Learner, Flexibility, Conflict-resolution, Problem-Solver

Languages: Python, Java, C, HTML/CSS, JavaScript, C++, Bash

Developer Tools: VS Code, Eclipse, Google Cloud Platform, AWS, Apache J Meter, Jupyter Notebook, Wireshark

Technologies/Frameworks: Linux, GitHub, Machine Learning, TensorFlow, Scikit-Learn, WordPress, NLP, Pandas, NumPy, Matplotlib, Seaborn, NLTK, TensorFlow, PyTorch, TextBlob, Tweepy, Time Series Analysis, XGBoost, Windows, Oracle, Unix, SQL, DBMS, Tableau, PowerBi, OpenCV, Streamlit, Chroma, OpenAI, Huggingface

Education

Gandhi Institute Of Technology and Management— CGPA:8.7/10

Oct. 2021 – June 2025

Bachelor of Technology in Computer Science(Artificial Intelligence And Machine Learning) Visakhapatnam, Andhra Pradesh

Projects

AI-based Chatbot based on RAG

January 2023

- The chatbot(based on Retrieval Augmented Generation) I developed leverages Chroma for database management, Streamlit for interface design, and OpenAI for natural language processing. It utilizes a novel training method based on markdown files, enabling dynamic adaptation to user-specific data. This approach facilitates seamless interaction and personalized responses.

Dynamic Object Detection using Background Subtraction .

February 2024

- Engineered a robust framework for dynamic object detection utilizing background subtraction methods, showcasing proficiency in algorithm design and optimization for real-world applications using C++.
- The program, employing a base memory address for output allocation, operates with minimal resource consumption, ensuring efficient processing.

Image-to-Text Generator.

Jan 2024

- Implemented features such as image upload functionality, real-time inference, and text output visualization to enhance usability and accessibility.
- Integrated the image-to-text generation model developed using LLMs with the Streamlit framework, creating a user-friendly web application.

Cart Prediction using Apriori

January 2024

- Utilized Apriori algorithm to analyze and predict shopping cart patterns, enhancing retail strategy and optimizing product placement. Implemented data-driven insights to improve cross-selling and customer experience, resulting in increased sales and revenue. Demonstrated proficiency in data mining and applied machine learning techniques for actionable business intelligence.

Research Experience

Advanced Parking systems using OpenCV

Oct 2023 - Present

- An in-depth investigation explores the enhancement of parking systems through the utilization of cutting-edge technologies such as OpenCV.

Certifications

- Data Structures - University of California San Diego - Dec. 2022
- AWS Academy Graduate - AWS Academy Machine Learning Foundations Learning - May. 2023
- Version Control - Meta - Feb. 2023
- Calculus through Data and Modelling:Limits and Derivatives - Johns Hopkins University - Aug. 2023

Co-Curricular Experience

Meta Developers Circles

Domain Lead

- Enhanced and worked on Technical projects with fellow peers.

Visakhapatnam, India

August 2023 - Present

Pioneer's Club (Coursera-backed Club)

Technical Lead

- Fostering communication and networking with student community and conducting campus level events.

Visakhapatnam, India

August 2023 - Present