

GUNVANTH MADABATTULA

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Career Objective

Dynamic 4th-year BTech student with a zeal for innovation in programming, data analysis, and AI. Committed to skill enhancement and eager to apply my technical acumen in a creative, problem-solving environment to drive industry change.

Skills

- Python • Java • Advanced Python • CPP
- Data Analysis • SQL • AI • Prompt Engineering • PowerBI • Data Visualization • Machine Learning
- Flask • DSA

Tools Used

- Power BI (base version)
- MS Office (Word , Excel , PowerPoint)
- Github (student pack)
- VS code
- Oracle(database) , Supabase
- LLMs , LM studio
- Postman
- Machine learning tools

Education

Gayatri Vidya Parishad College of Engineering <i>Bachelor of Technology in Computer Science Engineering -AIML(CSM)</i>	2022-2026 8.2 CGPA
Sri Viswa Junior College <i>Intermediate (MPC)</i>	2020-2022 78%
Little Angels School <i>Grade X (CBSE)</i>	2019-2020 75%

Internships

GEN AI-ML Virtual Internship , AICTE Eduskills Cohort-8	Apr 2024 –June2024
Google Cloud Generative AI Virtual Internship, AICTE Eduskills Cohort-9	July 2024 – Sep2024
Data Analyst Intern Naveen pvc bend works and marketing agencies	Jan 2025 - Mar 2025

Projects

Smart Traffic Flow Analyzer

- Designed and implemented a machine learning model using YOLOv8n and Python to count vehicles crossing a green traffic signal in real-time.
- Leveraged computer vision techniques for accurate vehicle detection and classification in diverse traffic conditions.
- Optimized the model for performance and scalability, ensuring real-time data processing and analysis. – Enhanced traffic flow insights through precise vehicle counting and pattern recognition.

Disease Prediction Model

- Built a machine learning system to predict diseases using user-input symptoms, leveraging Python for development.
- Integrated Flask to create a user-friendly web application for seamless symptom input and disease prediction output.
- Applied data cleaning and structuring techniques to symptom datasets, ensuring high-quality input for accurate predictions.
- Trained and evaluated models like decision trees and logistic regression to deliver reliable disease predictions for early detection.

Dine Space

- Developed a full-stack web application using Flask that allows users to discover nearby restaurants, view details, and explore curated restaurant listings based on real-time location and preferences.
- Integrated real-world datasets from Zomato to enhance restaurant recommendations and built custom scripts for data preprocessing, merging, and JSON conversion.
- Implemented an image-based food search feature by integrating visual input recognition to suggest dishes and matching restaurant options using dataset matching and classification.

Experience

- Accenture: participated in open access Accenture Virtual Experience Program on Data Analytics with Forage.
- PowerBI Data Analyst | PwC : Job simulation at PwC as PowerBI data analyst
- Google Cloud Study Jams: Awarded badges in Gen AI and Cloud Computing by Google Cloud.

Certifications / Courses

- Python certification by GUVI
- Excel certification by GUVI
- Advanced python - Infosys spring board
- Java – edx , careerninja
- Prompt engineering (beginner) – cognitive AI.classes
- Prompt engineering (intermediate) – codecadamey
- Power bi – codecadamey
- Power bi(intermediate) – Infosys springboard 5.0
- Data Analytics using Python – APSSDC

Personal Details

- Date of Birth : 5th June 2004
- Residential Address : Flatno : 312, Fames Royal Recidency, Gowri Street, Shipyard layout, PM palem, Visakhapatnam-530041
- Languages known : English, Hindi and Telugu
- Nationality : Indian

I hereby declare that the above details given are true to the best of my knowledge.

Yours Truly,
GUNVANTH MADABATTULA.