

# GUNVANTH MADABATTULA

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## Professional Summary

An early-career professional with strong technical fundamentals, real-world project exposure, and experience working with AI-driven systems, committed to ethical practices and capable of adapting to and contributing effectively across diverse domains.

## Education

Gayatri Vidya Parishad College of Engineering – Btech in CSE(AI&ML) Nov 2022 – Apr 2026 - Visakhapatnam  
CGPA 7.8 / 10

## Skills

- **Languages / Tech:** Python (OOPs), React.js, Machine Learning, Gen AI, Data Analysis
- **Frameworks and Data Formats:** HTML, JWT, RESTful APIs, Directory Management, SLA (Basic)
- **Databases:** PostgreSQL, NoSQL
- **Tools:** Git, GCP, LLMs, Visual Studio IDE, MS Office

## Internships

AI-ML Intern, AICTE Eduskills Cohort-8 Apr 2024 –June 2024 – Remote

- Gained Hands-on Experience on AI concepts and algorithms used in APIs and AI tools.
- Architected an android app on Object detection and recognition using Neural Networks and Analysis.

Google Cloud Generative AI Intern, AICTE Eduskills Cohort-9 July 2024 – Sep 2024 – Remote

- Conducted Lab Performance Metrics using Google Cloud Console and Prompt engineering.
- Worked with API services and cloud-based storage systems, gaining exposure to cloud architecture principles and efficient bucket-based data management.

Data Analyst Intern, Naveen pvc bend works and marketing agencies Jan 2025 - Mar 2025 Visakhapatnam

- Practical experience in server management systems, data analysis techniques, and structured data handling and interpretation for performance and reliability.
- Created 5+ interactive Power BI dashboards and tables for sales performance tracking, reducing reporting time by 40%.

## Projects

### Phishing Detection

- Designed and developed a full-stack phishing detection platform that analyzes Gmail emails and SMS messages using rule-based heuristics + machine learning, achieving real-time threat identification with confidence scoring.
- Designed API-driven workflow integrations using structured JSON payloads to process and classify incoming email data.

### Disease Prediction Model

- Developed a machine learning system to predict diseases using user-input symptoms, leveraging Python for development.
- Trained and evaluated Machine Learning models like decision trees and logistic regression to achieved 87% prediction accuracy across 40+ diseases by using Feature engineering, Model evaluation and Cross-Validation.

### AI Chatbot

- Developed workflow-based automation integrations to orchestrate chatbot session handling and API-driven request processing across distributed backend services. Implemented event-driven backend logic with structured JSON payload transformations to enable reliable system integration and real-time response generation.
- Applied rubric-based evaluation methods to benchmark AI response quality and consistency.

## Achievements

- Supported a private business organization by managing application traffic (700+ requests) and server operations, Contributing to improve system responsiveness, reliability, and uninterrupted service performance.
- Awarded Google Cloud Study Jam badges in Generative AI and Cloud Computing (2024) for successfully completing hands-on learning paths covering cloud fundamentals, AI concepts using Google Cloud tools and services.

## Hobbies

- I have hobbies like Solving puzzles that help to increase my concentration and I do play badminton to maintain my Health. I also go for rides for general peace and release my stress.