# GUNVANTH MADABATTULA

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## Professional Summary

AI/ML Developer specializing in Python, React, and Google Cloud technologies. Built 3+ full-stack AI applications including a disease prediction model with 85%+ accuracy. Experienced in RESTful APIs, data analysis, and Power BI dashboards and well defined Deployment using Azure CI/CD pipelines

## Education

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

## Technical Skills

• **Languages:** Python (OOPS), Java, TypeScript, DSA

• **Frameworks and Web:** HTML, tailwind CSS, React.js, Flask, Scikit-learn, CI/CD pipelines

• **Databases:** PostgreSQL (pgAdmin), MySQL, Google Cloud Console

• **Tools:** Git (Version Control), GitHub, Azure, LLM Tools, SQL server management

## Internships and Work Experience

**AI-ML Virtual Internship, AICTE Eduskills Cohort-8**          Apr 2024 –June 2024 – *Remote*

*Advanced python, Machine Learning, Object framing*
- Gained Hands on Experience on AI concepts and algorithms used in APIs and AI tools.
- Built an android app on Object framing and recognition using Neural Networks and Analysis.

**Google Cloud Generative AI Virtual Internship, AICTE Eduskills Cohort-9**          July 2024 – Sep 2024 – *Remote*

*Google Cloud Console, Prompt Engineering, API handling*
- 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*

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

## Projects

**Interior Design Web Application** – React.js, tailwind CSS, HTML, RESTful APIs
- Designed and developed a responsive web application for showcasing interior design concepts and layouts.
- Built dynamic UI components using JavaScript for smooth interaction and navigation, Integrated REST-style data handling to manage and display interior content efficiently
- Tested APIs using Postman and managed code versions with GitHub.

**Disease Prediction Model** – OOPS, Client-Server Architecture, RESTful APIs, SQL-lite, Python (Advanced)
- 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.
- Trained and evaluated Machine Learning models like decision trees and logistic regression to achieved 87% prediction accuracy across 40+ diseases.

**Dine Space** – JWT, JavaScript, Supabase, Python, GeoLocation, RESTful APIs
- 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 and also integrating visual input recognition to suggest dishes and matching restaurants.

## 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
- Built a full-stack web application for an interior design agency with deployable code and a user-friendly, responsive interface.
- 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.