

VENKATA SIVA RAMA KRISHNA MALLA

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OBJECTIVE

To secure a responsible career opportunity to fully utilize my training and skills, while making a significant contribution to the success of the company.

EDUCATION

GMR INSTITUTE OF TECHNOLOGY, Rajam

Bachelor of Technology, Mechanical Engineering **CGPA 7.36**

SANKETIKA POLYTECHNIC COLLEGE, Vizag

Diploma In Mechanical Engineering **Percentage 79.65**

SARVANI VIDYALAYA SCHOOL, Srikakulam

10th class **CGPA 8.7**

PROJECTS

HOME BITES – Food ordering system

Description: Developed an end-to-end web application to digitalize a home-based food business by converting manual food ordering into a fully managed online order processing system.

Project Highlights:

- Designed complete system flow from order placement to delivery status
- Developed REST APIs using Python and FastAPI
- Implemented full order lifecycle management (Pending → Prepared → Delivered)
- Designed and implemented database schema using SQLAlchemy ORM
- Handled complete CRUD operations for food items and orders
- Implemented request validation using Pydantic
- Tested and verified complete system using Postman

Tech Stack:

Python, FastAPI, SQLite, SQLAlchemy, REST APIs, Postman

Git hub: https://github.com/MALLAVENKATASIVARAMAKRISHNA/home_bites

AI BANKING DATA ASSISTANT – Intelligent Financial Query System

Description: Developed an AI-powered banking assistant that converts natural language queries into SQL and provides real-time financial insights with multilingual voice support and interactive visualizations.

Project Highlights:

- Built LLM-powered system to convert natural language into SQL with multi-model fallback
- Integrated multilingual voice support and real-time dashboard with visual insights
- Deployed secure, production-ready application with cloud database and export features

Tech Stack:

Python, FastAPI, PostgreSQL (Supabase), OpenRouter API, Sarvam AI, Chart.js, REST APIs, Render

Git hub: https://github.com/MALLAVENKATASIVARAMAKRISHNA/profile_website

SKILLS

- **Programming Languages:** C, Python, Java
- **Backend Development:** FastAPI, REST API Development
- **Web Technologies:** HTML, Basic Frontend Integration
- **Databases:** MySQL, SQLite, PostgreSQL (Supabase)
- **Frameworks & Libraries:** SQLAlchemy, Pydantic
- **Tools & Platforms:** Git, GitHub, Postman, Render
- **Core Concepts:** Machine Learning, Data Science, API Design, CRUD Operations
- **AI & Integrations:** LLM Integration (OpenRouter), Prompt Engineering
- **Design:** UI/UX Design, Dashboard Design (Chart.js)

ACHIEVEMENTS & AWARDS

- 5th Prize in Project Expo at GMR Institute of Technology
- Participated in CADATHON at GMR Institute of Technology
- Participated in CAD Clash at Anil Neerukonda Institute of Technology & Science
- Participated in paper presentation at Anil Neerukonda Institute of Technology & Science
- Published A Paper in The IJRPR About Cryogenic Storage Tank

CERTIFICATIONS

- Power bi workshop from office masters
- Programming with Java script in Coursera
- Python in Coursera
- Introduction to Machine Learning in Coursera

STRENGTHS

- Hard working
- Decision making
- Quick learner

LANGUAGES

- English
- Hindi
- Telugu

HOBBIES

- Traveling new places
- Listening to music

DECLARATION

I Hereby Declare That All The Above Information Is True To The Best Of My Knowledge And Belief.

(M.V.S. Rama Krishna)