

# DHANUSH R

+(91) 7569775514 ◊ Tirupati (district), Andhra Pradesh, [517587](tel:7569775514)

[dhanushravi.rds@gmail.com](mailto:dhanushravi.rds@gmail.com) ◊ [linkedin.com/in/dhanush-ravi/](https://www.linkedin.com/in/dhanush-ravi/) ◊ [github.com/Dhanush-R-git](https://github.com/Dhanush-R-git)

## PROFESSIONAL SUMMARY

Proficient in Python, SQL, and AI cloud-based solutions. Seeking to leverage my technical expertise and problem-solving skills to contribute to a dynamic team in the AI and Data Science field

## EDUCATION

Bachelor of Technology (Hons.)	AI & Data Science (Advanced Analytics)	CGPA(7.45/10)	2021 - 2025
Board of Intermediate Education	Mathematics, Physical & Chemical Science	88.5%	2019 - 2021
Board of Secondary Education	10th (Secondary School Certificate)	GPA(9.50/10)	2018 - 2019

## SKILLS

Technical Skills	Python, SQL, Machine Learning & Deep Learning Techniques, Large Language Models
Tools & Technologies	MySQL, Azure Cloud, Git version control, VectorDB
Frame works & Libraries	Pandas, TensorFlow, Pytorch, Scikit-Learn, Langchain, HuggingFace

## EXPERIENCE

Data Analytics Intern	July 2023 - Aug 2023
Pantech Solutions	Chennai, TN

- Performed data analysis and **debugged SQL queries**, to ensure the achieved 100% accuracy in **data extraction** from MySQL Workbench relational databases.
- Designed scalable data pipelines and dashboard using **Azure Synapse Analytics, PowerBI** tool to visualize insights. Led design scalable data pipelines, dashboards that led to 30% improvement in the sentiment analysis system.

## PROJECTS

**Project name : MedScribeAI - web application for Patient report insights.** ([Github repo](#))

- Description: The MedScribeAI Medical Report Summarization System is a web-based application designed to facilitate the management and structured summarization of medical reports — **Tech stack: Python, MongoDB, VectorDB Databases, Cloud Deployment(Azure), LangChain framework, Git, Flask-html-CSS, HuggingFace Model**

**Project name : AI-Powered Health - Automate Disease Diagnosis system** ([Github repo](#))

- Build a diagnosis system that predicts diseases based on the user-input value and result gives prediction of disease. Used Ensemble Learning method stacking of Random forest & XGBoost with Logistic regression for modeling and Streamlit framework for web application, achieved accuracy of 93%. — **Tech stack: Python, Ensemble Learning, Streamlit, Git, Machine Learning, VS code, MySQL**

**Project name : MaNa - web application for Mental Health Analysis** ([Github repo](#))

- The Mana is a web based application for mental health analysis in social media comments, and the user can interact with Chatbot to access their mental health. Designed MaNa platforms for report generation with supportive instructions— **Tech stack: Python, FastApi, Front-end Frameworks, Meta-LLama & Deepseek-R1 models, Transformers**

## Highlights in Projects

- Fine Tuned **RoBERTa** model with **Adapters** and deployed in HuggingFace, utilized this model for Mental Health Analysis.
- Developed MedScribeAI with **RAG** approach, used ChromaDB to store **vector embeddings** of processed reports.
- Handled Class Imbalance when **Fine-Tuning LLM**. Performed data wrangling & pre-processing in AI-Powered Health

## EXTRA-CURRICULAR & CERTIFICATIONS

Python Foundation Certification - Infosys Springboard ([view](#)) — AI Primer Certification -Infosys Springboard ([view](#)) — Data Analytics internship certification ([view](#)) — RMKEC IIC IDEA COMPETITION - 2023 ([view](#)) (Certificate of Participation) — Participated and organized academic club activities & events

## INTEREST & OTHERS

- Sports - Movies - Reading articles - Space science enthusiast - Chef - Trends & Tech
- Languages Known - Tamil-Telugu-English