Ruchitha Reddy Bavanam

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ruchitha-reddy-bavanam

Git: ru-cheetah

Portfolio-website

SUMMARY

AI and ML undergraduate at CBIT with proficiency in Python, R, C, SQL, and expertise in ML, AI (Generative AI, RAG) and Azure AI services. A strong communicator and leader, I recently completed an internship at Providence India, where I developed a Generative AI project. Known for my problem-solving skills, adaptability, and effective time management, I also bring entrepreneurial experience and a passion for innovation, with a dash of creativity.

EDUCATION

Chaitanya Bharathi Institute of Technology
Bachelor's Degree in Artificial Intelligence and Machine learning
CGPA - 9.47
2021 – 2025

Silver Oaks
CBSE board : 91%
2018-2019

SKILLS

- **Languages**: Python, R, C, Java(Basics) , SQL
- **Technologies:** ML, AI, NLP, DL, RL, Prompt engineering
- **Data Bases:** SQL, MongoDB
- **Web Dev:** HTML, CSS, JavaScript, ReactJS
- **Tools:** GitHub, VS-Code, MySQL, RStudio's, Postman, Swagger UI, Azure AI and Cognitive Services
- **Coursework:** DSA, DBMS, OOPs, OS

CERTIFICATIONS

- Data Structures and Algorithms (Internshala)
- Cloud Computing and Distributed Systems (NPTEL)
- Data Visualization with R (Coursera)
- Data base management systems (NPTEL)
- Artificial Intelligence Foundation to Advanced (Hexart- Li2)

ACHIEVEMENTS

- ACIC- Ideathon 2023- Winners
- Editor of the college newsletter
- Active member in EDC {entrepreneurship development cell}
- Underwent a 45-day training program conducted by shethepeople
- Participated in various college and national level hackathons

PROFESSIONAL EXPERIENCE

Providence India
Summer Intern - SDE | June - August 2024

Project Name: *CompliAssits*
I led a project focused on Generative AI. Specifically, I built a Retrieval-Augmented Generation (RAG) model and developed an API to access it. Additionally, I created a Chromium browser extension and a webpage interface to facilitate seamless interaction with the API. This project involved collaboration with cross-functional teams to deliver a well-rounded and robust solution.

ACIC Idea Labs
Industrial Internship | September - December 2023

Project Name: *Mindmate*
I contributed to the development of "MindMate - Ultimate Summarizer," a machine learning web application designed to summarize various types of content, including PDFs, videos, websites, and plain text. I was also involved in business discussions regarding marketing, sales, and finance to ensure the product's commercial viability.

PROJECTS

Personalized ChatBot
A Streamlit web app utilizing the Retrieval-Augmented Generation (RAG) framework and Google's Gemini-PRO to provide accurate, contextually relevant answers from uploaded PDFs. Users can upload documents and receive detailed responses to their queries.

Analysis of factor effecting diabetes in women
Analyzed factors and their effects using regression models in R. Developed graphical outputs to visualize relationships for insightful interpretation.

Walmart Sales Analysis
It is Sales Analysis Dashboard that offers interactive filtering and visualization of sales data across various dimensions. Users can analyze sales trends, profit, and order priority with features like customizable date ranges and detailed charts.