

SRITHI CHATTERJEE

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Education

Vignan's Institute of Information Technology

B.Tech in Artificial Intelligence

Sri Chaitanya Junior College

Higher Secondary Education

St. Joseph's Secondary School

Secondary Education

Sep 2023–
 Visakhapatnam, AP
 2021 – 2023
 Visakhapatnam, AP
 –2021
 Visakhapatnam, AP

Relavant Coursework

- Data Structures
 • Algorithms Analysis
- Artificial Intelligence
 • Web Development
- Python
 • Database Management
- Machine Learning
 • SQL/NOSQL

Experience

Motion Cut-Web develop intern

Nov 2024-Jan2025

Completed a web development internship from November 20, 2024, to January 20, 2025:

- Built five minimalistic websites, including landing pages and interactive hovering elements.
- Developed and optimized responsive designs using HTML, CSS, and JavaScript, ensuring seamless user experiences.
- Gained hands-on experience in front-end technologies, enhancing problem-solving and development skills.

AI-ML-Internship

Jan 2025 - Mar 2025

- I have successfully completed a 10-week AI-ML Virtual Internship under the India Edu Program, supported by Google for Developers. This internship has been a great learning experience where I explored new concepts in Artificial Intelligence and Machine Learning.

Projects

ZenFit-Ai

Apr 2025 - Present

- Developed an AI-powered Universal Health Assistant integrating physical and mental health monitoring.
- Implemented advanced image recognition for food analysis, generating personalized diet and exercise plans.
- Designed a mental health support module, offering empathetic AI-driven stress relief and emotional well-being insights.
- Leveraged seamless API integration for real-time data processing and enhanced user experience.

Rag-Chatbot

May 2025 - Present

- Developed an intelligent document processing system using RAG architecture for context-aware question answering.
- Implemented vector database storage with ChromaDB and semantic search using Sentence Transformers.
- Built multi-format document ingestion pipeline with smart text chunking and token optimization.
- Created interactive web interface using Streamlit with document summarization and chatbot capabilities.
- Integrated LLM APIs for natural language generation with retrieved context from document corpus.

Technical Skills

Languages : Python,Java,HTML,CSS,Javascript
 Developer Tools :VScode,Git,Github,Google collab,Jupyter Notebook
 Technologies/Frameworks : scikit-learn,OpenCV,Tenserflow,Pandas,Numpy,Matplotlib