REDDI ESWAR BHARGAV

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PROFILE

I am a final year B.Tech IT student at MVGR College, specializing in AI, ML, and MERN stack development.Experienced in building AI-powered tools and scalable full-stack applications.Focused on solving real-world problems using data-driven and user-centric solutions.

PROFESSIONAL EXPERIENCE

Robustrix IT Solutions, Developer(Intern)

04/2025 – present | Delhi, India

- Built an AI chat model(Brahamand.ai) which performs various functions like pdf summarization,news,weather,stock analysis.
- Developed a production-ready CRM system using the MERN stack.
- Implemented PDF processing features for content extraction and summarization.
- Designed, developed, and hosted internal web applications with real user adoption.

SKILLS

MERN Full stack

Python

Java

React

HTML and CSS

Javascript

OpenAI Whisper, DeepSeek, NLP, Whisper API

Neural networks

Database Management (SQL Server studio, Oracle, MySql)

Deep learning

Tools : Git, Postman, Firebase, Android Studio and VScode

EDUCATION

B.Tech(Information Technology),
Maharaj Vijayaram Gajapathi Raj College of Engineering

2026 | Vizianagaram, India
CGPA:8.92

Intermediate, Sainik School Kalikiri

kalikiri, India
Percentage:92%

PROJECTS

AI-Powered Generative ChatBot

- Developed an AI-driven generative chatbot that generates content in response to user queries.
- Implemented PDF Upload & Summarization using NLP models (OpenAI GPT, Hugging Face transformers).
- Integrated real-time news updates via NewsAPI/Google News and live weather data from OpenWeatherMap.
- Fetched live stock market data using APIs like Alpha Vantage and Yahoo Finance.

Full stack chat application

- React-powered frontend with dynamic UI for seamless conversations and chat room navigation.
- Developed REST APIs in Node.js/Express for user management and message operations.
- Ensured persistent chat sessions, real-time typing indicators, and active user status.
- Focused on scalability, clean code architecture, and an engaging user experience.

Transcription System

- Built a full-stack transcription system using React, Tailwind CSS (frontend) and FastAPI, Python (backend), deployed on Render.
- Integrated OpenAI Whisper with PyTorch to convert various formats (MP3, MP4, WAV, etc.) into text with high accuracy.
- Implemented recursive folder traversal to batch-process audio/video files and auto-generate transcripts.
- Designed REST APIs for secure upload, transcription retrieval, and file download; handled background tasks asynchronously.