

Srujan Sai Mamidi

+91 9390751556 | srujanmamidi7@gmail.com | [LinkedIn](#) | [GitHub](#)

EDUCATION

CMR College of Engineering and Technology <i>B.Tech in Computer Science and Engineering (AI & ML) — CGPA: 8.15/10</i>	Hyderabad, India 2022 – 2026
Sri Chaitanya Junior Kalasala <i>Intermediate (MPC) — Percentage: 96.7%</i>	Hyderabad, India 2020 – 2022
Sri Chaitanya School <i>Secondary School Certificate (SSC)</i>	Hyderabad, India 2019 – 2020

EXPERIENCE

AI Automation Developer (Project-Based) <i>onEasy.ai</i>	2026 Hyderabad, India
- Designed and developed an AI-powered Offer & Appointment Letter Generator using Astro, React, and Supabase for HR automation workflows. - Built a conversational interface to collect candidate and company information and dynamically generate professional offer and appointment letters. - Implemented real-time document preview, automatic salary calculations, and DOCX export functionality for streamlined document generation. - Integrated backend data management with Supabase and deployed the application on Vercel for scalable access and production-ready delivery. - Leveraged AI-assisted workflows to reduce manual effort and improve the speed and consistency of HR document creation.	

PROJECTS

AI Resume Analyzer (RAG) <i>Python, Flask, ChromaDB, Groq API, Llama 3.3</i>
- Built a Retrieval-Augmented Generation (RAG) based AI Resume Analyzer that compares PDF resumes with job descriptions using Llama 3.3 70B via the Groq API. - Implemented semantic search using Sentence Transformers and ChromaDB to retrieve relevant ATS guidelines and technical skill documents, improving the accuracy and relevance of resume evaluations. - Developed an end-to-end Flask application with PDF text extraction, vector embeddings, automated match scoring, missing skill detection, and actionable resume improvement suggestions, deployed on Vercel.
Move Prediction Using CNN (Chess & Go AI) <i>Python, TensorFlow, FastAPI, Gradio, CNN, ResNet</i>
- Built a ResNet-style CNN to evaluate board states and predict optimal chess moves using structured tensor representations. - Developed a FastAPI inference service with an interactive Gradio interface for real-time move prediction and visualization. - Combined deep learning with Minimax and Alpha-Beta Pruning to create a unified AI framework for Chess and 5×5 Go.

TECHNICAL SKILLS

Languages: Python, C, C++, SQL
Frameworks: FastAPI, Flask, LangChain, LangGraph, Streamlit
Developer Tools: Git, GitHub, VS Code, Vercel, Supabase
Libraries: TensorFlow, PyTorch, Pandas, NumPy, Matplotlib, Scikit-learn, Sentence Transformers