

NAVEEN HEMANTH KOKKONDA

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Summary

Final-year Computer Science student with hands-on experience building AI applications using LLMs and Python. Skilled in developing RAG systems, working with APIs, and solving problems with data structures and algorithms. Interested in generative AI and its applications in automation.

Education

Sreyas Institute of Engineering and Technology <i>B.Tech in Computer Science (Data Science)</i> — CGPA: 7.46/10	Oct 2022 – Jun 2026 Hyderabad, India
Sri Chaitanya Jr College <i>Intermediate (MPC)</i> — 85.9%	Jun 2020 – Mar 2022 Khammam, India

Technical Skills

Languages: Python , JavaScript

Core CS: Data Structures, Algorithms, Problem Solving

AI/ML: LangChain, LLMs, RAG systems, Vector databases (FAISS), Sentence Transformers

Frameworks: Flask, Streamlit, React, Node.js, Express.js

APIs & Tools: Groq API, OpenAI API, REST APIs, PyPDF2

Development: Git, VS Code, Jupyter Notebooks, Docker (Basic)

Databases: MongoDB, SQL

Projects

KNoRa AI - RAG Knowledge Assistant 🔗	Aug 2025
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Technologies: Streamlit, FAISS, Sentence Transformers, Groq LLMs, LangChain, Docker

- Built a RAG system that uses FAISS for vector search and transformer embeddings to answer questions from documents.
- Implemented text chunking to preserve context and used batch processing for generating embeddings efficiently.
- Created a Streamlit interface with analytics to track queries and response times, and containerized it with Docker.

ATS-V3 - AI-Powered Resume Analyzer 🔗	Mar 2025
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Technologies: Flask, Groq AI, PyPDF2, MongoDB, Bootstrap, Render

- Developed a Flask web app using Groq AI to analyze resumes against job descriptions and generate relevance scores.
- Added PDF parsing with PyPDF2, drag-and-drop file uploads, and MongoDB to store analysis history.
- Deployed on Render with Gunicorn and implemented light/dark theme toggle for better user experience.

LegalEase - AI Legal Document Simplifier 🔗	Jul 2025
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Technologies: React, Node.js, Express.js, TailwindCSS, Groq LLM, OCR, Render

- Built a full-stack app that simplifies legal documents into plain language and translates them into 77+ languages.
- Created a pipeline that extracts text from PDFs using OCR, simplifies it with Groq LLM, and handles translations.
- Designed the frontend with React and TailwindCSS, with features to copy or download the simplified text.

Achievements

- Ranked in **Top 5** in two inter-college hackathons for AI-based projects.
- Built AI tools achieving over **85% accuracy** in resume scoring and feedback generation.

Certifications

- Oracle Cloud Infrastructure 2025 Certified Generative AI Professional (Aug 2025) 🔗
- Simplilearn – Front End Development (Jun 2025) 🔗
- MongoDB Python Developer Path (Jan 2024) 🔗