

SACHIN NAIKAR

Haliyal, Karnataka

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PROFESSIONAL SUMMARY

AI and data science enthusiast with experience in machine learning, data analysis, and GenAI applications. Currently working on a Smart Legal Assistant final-year project using RAG and LLM technologies. Focused on converting data into actionable insights and building reliable, real-world AI systems.

EDUCATION

KLS. VISHWANATHRAO DESHPANDE INSTITUTE OF Technology, HALIYAL **2022 – Present**
B.E. in Computer Science & Engineering - CGPA - 8.03 *Haliyal, Karnataka*

Dr.VISHWESHWARAYA SC PU College **2020 – 2022**
Karnataka Board of the Pre-University Education - XII Percentage - 76.05% *Dharwad, Karnataka*

VIVEKANAND HIGH SCHOOL, HEBBAL **2020**
Karnataka Board of Secondary Education - X Percentage - 60.08% *Hebbal, Karnataka*

PROJECTS

Smart Legal Assistant

- > Technology Stack Used: Python, FastAPI, React, HTML, CSS, JavaScript, FAISS, RAG, Gemini API
 - Built an AI-powered legal assistant capable of answering law-related queries using Retrieval-Augmented Generation (RAG).
 - Implemented document ingestion, chunking, embeddings, and vector search to provide accurate, context-based responses from legal PDFs.
 - Designed a responsive, user-friendly React interface and integrated backend APIs for seamless real-time interaction

House Price Prediction Using Machine Learning

- > Technology Stack Used: Python, Pandas, NumPy, Scikit-learn, Matplotlib, Jupyter Notebook
 - Developed a predictive model to estimate house prices based on features such as location, size, and number of rooms.
 - Performed data cleaning, feature engineering, and exploratory data analysis to improve model accuracy.
 - Trained and evaluated algorithms like Linear Regression and Random Forest, achieving reliable prediction performance.

SKILLS

Languages: Python, C/C++, SQL, HTML, CSS

Technologies/Frameworks: Numpy, Pandas, Matplotlib, FastAPI, Flask

Developer Tools: VS Code, CodeBlocks, Jupyter Notebook

Soft Skills: Adaptability, Teamwork, Problem Solving, Communication Skills, Work Ethic, Quick Learning, Analytical Thinking, Flexibility

Spoken Languages: English, Kannada, Hindi

Extracurricular Activities

- Selected **twice** to represent our college at the State-Level Kho-Kho Tournament.
- **Runners-up** in the **Technical Treasure Hunt** competition