

SACHIN SURESH

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EDUCATION

Dayananda Sagar College of Engineering

Bachelor of Engineering in Computer Science

Oct 2023 - July 2027

Bangalore, India

CGPA: 9.21

TECHNICAL SKILLS

- **Languages:** Python, TypeScript, JavaScript, C++, Java
- **Databases:** MongoDB, ChromaDB, FAISS
- **Frameworks & Libraries:** Streamlit, Flask, FastAPI, React.js, Next.js, Node.js, Tailwind CSS
- **Machine Learning & Data Science:** Pandas, TensorFlow, Scikit-learn, NumPy, OpenCV, LangChain
- **Developer Tools:** Git, GitHub, VS Code, Docker, Vercel, AWS, MLFlow, AirFlow, DagsHub, LangSmith, HuggingFace

EXPERIENCE

XTrail Consultation Services

Junior Developer Intern

Nov 2025 – Present

PROJECTS

UnBindAI

September 2025

NextJS, TailwindCSS, Node.js, Python, VectorDB, GroqAPI, Llama 3.3 70B, MongoDB | Demo | GitHub

- Built an **AI-powered legal assistant** that converts complex contracts into **plain, actionable summaries** with risk and obligation detection.
- Implemented **RAG with VectorDB** to improve clause interpretation and contextual accuracy in long legal documents.
- Designed a **secure, privacy-first architecture** enabling safe legal document analysis for tenants and startups.
- Developed a **conversational LLM interface** providing instant clarifications with memory-based context tracking.

RagSum — RAG Chatbot & Custom Summarizer

July 2025

LangChain, Python, Streamlit, Groq LLaMA 3, FAISS, PyMuPDF, Transformers, HuggingFace | Visit | GitHub

- Built a **multipage AI assistant** combining a RAG-powered chatbot and a custom-trained text summarizer in a unified Streamlit interface.
- Developed a **RAG pipeline** using FAISS vector search, chunking strategies, and embedding models to enable semantic QA over uploaded PDFs.
- Integrated Groq LLaMA 3 through LangChain to deliver **fast, context-aware conversational answers**.

FairFare

March 2025

NextJS, JavaScript, TailwindCSS, MongoDB, Python, FastAPI | GitHub

- Built an **ML-powered ride cancellation prediction system** to assist commuters during peak-demand hours.
- Designed and trained models that **identify high-risk bookings**, reducing user uncertainty and improving reliability.
- Created an **interactive NextJS dashboard** visualizing cancellation patterns, risk factors, and model predictions.
- Developed a **FastAPI backend** with optimized data preprocessing, serving real-time prediction insights.

ACHIEVEMENTS

- **BotCraft (2024) – Runner-up** among 100+ teams for building a Discord-based automation bot in Python.
- **The Great Bengaluru Hackathon (2025)** – Shortlisted in a **national-level hackathon** for developing FairFare
- **CodeChef** – 100 Days Streak Badge; Peak Rating: **1137**.
- **LeetCode** – Completed **50 Days Coding Challenge** badge.