

AYUSH RAMAN

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[LinkedIn](#) | [GitHub](#)

OBJECTIVE

Motivated AI/ML engineer passionate about solving real-world problems using machine learning, deep learning, and generative AI. Skilled in building end-to-end systems with modern AI stacks including LangChain, LLMs, and NLP/CV pipelines. Seeking to apply technical and analytical skills in a fast-paced AI-driven organization.

TECHNICAL SKILLS

Languages: Python, C++, SQL

Libraries & Frameworks: NumPy, Pandas, scikit-learn, TensorFlow, Hugging Face, LangChain, FastAPI, Flask, Streamlit

AI/ML Domains: NLP, Computer Vision, Generative AI, Transformers, LLMs (BERT, LLaMA, GPT)

Tools & Platforms: Git, GitHub, FAISS, MongoDB, MySQL, OCR, OpenAI APIs, GROQ

Deployment & DevOps: Streamlit Cloud, REST APIs, Model Integration

EDUCATION

B. Tech in Artificial Intelligence and Data Science (2021 – 2025)

A.D. Patel Institute of Technology, Gujarat.

CGPA: 8.39

TECHNICAL EXPERIENCE

Data Science Trainee – I2E Consulting Pvt. Ltd., Mumbai (Jan 2025 – Present)

- Developed an LLM-powered chatbot for SQL databases using LangChain, FAISS, semantic search, and SQL generation.
- Built SDLC Document Generator with OCR + chunking logic + LLM pipelines for enterprise doc automation.
- Used LLaMA, Hugging Face embeddings, GROQ API, and Streamlit for full-stack deployment.

AI/ML Intern – LAWFYI Pvt. Ltd., Vadodara (May 2024 – Jul 2024)

- Developed an ML module to parse legal Terms & Conditions, identifying clauses on data usage and privacy risks.
- Applied NLP techniques to improve clause detection and generated automated fairness scores.

Founding ML Engineer – Mooropan India Pvt. Ltd., Surat (Oct 2022 – May 2023)

- Spearheaded the development of a disease prediction model for early Mastitis detection in cows using health and environmental parameters.
- Designed and built a custom dataset from scratch, achieving 90-95% model accuracy in real-world conditions. Collaborated with veterinary experts to validate model outputs and align AI solutions with practical field use.

PROJECTS

Structured Data QA Chatbot • [GitHub Link](#)

- Built a multi-stage AI chatbot that takes NL queries and fetches answers from structured databases.
- Used spell correction (embeddings), table retrieval, and LLM-based SQL generation with auto-execution.

Legalysis • [GitHub Link](#)

- Developed an ML-powered web tool for analysing Terms & Conditions to identify unfair clauses and user data risks.
- Delivered actionable insights on fairness and transparency using custom NLP logic.

Abstractive Text Summarization Website • [GitHub Link](#)

- Built a Flask-based summarizer using BERT to generate AI-powered summaries of scraped news articles.
- Integrated real-time web scraping with transformer-based summarization and user preferences.

ACHIEVEMENTS

- Winner, **Smart India Hackathon 2022**, Govt. of India (National Level)
- Winner, **Reckon 4.0 Hackathon**, GDSC JIET Jodhpur (National Level)