D SOUMYA

AI ENGINEER

CONTACT

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📍 Kalyan Nagar, Bengaluru

SKILLS

- **ML/AI Frameworks**
  TensorFlow, PyTorch, scikit-learn, NLTK, PySpark, ETL
- **AI Models**
  Deepseek,GPT,Llama
- **Programming Languages**
  Python, Java, C
- **Databases**
  DBMS, MySQL,SQL,PostgreSQL
- **Web Technologies**
  HTML, Css, JS
- **Tools & Data Analysis**
  PyCharm, Pandas, NumPy, Excel and Vscode
- **Cloud Services**
  AWS, Digital Ocean, Docker

EDUCATION

INDIAN ACADEMY DEGREE COLLEGE   2021 - 2024
- Bachelors of Computer Application
- CGPA: 8.7 / 10

SRI CHAITANYA JR COLLEGE
- Intermediate Education 2018 - 2020
- CGPA: 9.4/ 10

KIRAN EM HIGH SCHOOL
- GPA: 9.7/ 10   2017 - 2018

PROFILE

I fine-tune beasts like **GPT**, **BERT**, and **T5**, architect **LLM** pipelines, and ship AI products that scale. At Lancers Technology, I've built end-to-end **NLP** systems—from **RAG**-based Q&A engines to decentralized smart contract bots. I move fast with **PyTorch**, Hugging Face, **LangChain**, **FastAPI**, and **Docker**. My stack is cloud-native, automation-first, and always production-ready.

WORK EXPERIENCE

Lancers Technology   2024 - PRESENT
AI Engineer & Researcher

- Fine-tuned LLMs (GPT, BERT, T5) for NLP pipelines.
- Developed **RAG**-based Q&A systems, **LangChain** agents, and smart contract bots.
- Deployed ML workflows using **FastAPI**, **Docker**, and AWS (EC2, Lambda, SageMaker).
- Owned end-to-end AI ops with cloud-native automation.

Pantech Solutions

Artificial Intelligence Internship

- Built **ML models** for sentiment analysis and **NER** using Python, **PyTorch, TensorFlow, and NLTK.**
- Contributed to data analysis and software engineering tasks.

NOTABLE PROJECTS

- **YouTube Marketing AI Agent —** Whisper, LLaMA, TTS, OpenAI API,Gemini API,
  Python Built an AI agent to analyze, summarize, and regenerate YouTube content for scalable marketing.
- **Sentiment Analysis with BERT** — HuggingFace, PyTorch, BERT
  Fine-tuned BERT model for real-time sentiment classification from user reviews and feedback.
- **Smart Contract Vulnerability Bot** — GPT-4o, Slither, RAG, PostgreSQL, Docker, FastAPI, Streamlit. Delivered real-time smart contract auditing via a GPT-powered interface using RAG and Slither.
- **Automated LinkedIn Posting System —** n8n, Azure OpenAI, Supabase, Telegram API, LinkedIn API.Created a human-in-the-loop pipeline for auto-generating and moderating LinkedIn posts.
- **News Aggregation & Deduplication Engine —**   Python,APScheduler, BeautifulSoup, feedparser, fuzzywuzzy, DuckDB
  Built a continuous news ingestion agent with fuzzy deduplication and clean storage for real-time insights.