

Sumeet Sonar

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Professional Summary

Recent Bachelor of Engineering graduate in Information Technology specializing in AI Engineering and Backend Engineering. Experienced in building LLM applications with LangChain and Hugging Face, including Retrieval-Augmented Generation (RAG) pipelines using vector databases and semantic search. Skilled in designing scalable REST APIs with FastAPI, working with PostgreSQL, and applying Machine Learning and NLP techniques to real-world data. Builds AI-integrated backends end-to-end, from prompt engineering and model integration to deployment, with working knowledge of Git and CI/CD workflows.

Technical Skills

- **AI & LLMs:** LangChain, LangGraph, RAG, Prompt Engineering, Hugging Face, ChromaDB, Vector Search, Semantic Search, Sentence Transformers, OpenAI/Gemini/Groq/Ollama APIs
- **Machine Learning:** Scikit-learn, XGBoost, Pandas, NumPy, Feature Engineering, Model Evaluation, EDA, PyTorch (Basics), TensorFlow (Basics)
- **Backend Engineering & Programming:** Python, FastAPI, Async APIs, REST APIs, JWT Authentication, RBAC, WebSockets, SQLAlchemy, Alembic, SQL, Java (Basics), JavaScript (Basics)
- **Databases:** PostgreSQL, MySQL
- **Frontend & DevOps:** React.js (Basics), Git, GitHub, GitHub Actions, CI/CD (Basics), Railway
- **Tools:** Jupyter Notebook, Streamlit, Power BI

Experience

Data Science Intern — CodSoft	Apr 2025 – May 2025
• Applied Machine Learning and NLP techniques to real-world datasets using Python and Scikit-learn. • Engineered end-to-end predictive modeling workflows, including data cleaning, preprocessing, feature engineering, exploratory data analysis (EDA), and model evaluation.	

Projects

IntelliICU – AI Clinical Copilot for a Hospital Platform	GitHub
• Engineered an AI-powered clinical decision support system using FastAPI, LangChain, ChromaDB, and Retrieval-Augmented Generation (RAG) for source-backed responses. • Architected a configurable multi-provider LLM integration layer supporting OpenAI, Gemini, Ollama, and Hugging Face models. • Secured the platform with JWT Authentication and RBAC, added WebSockets for real-time updates, and built async FastAPI endpoints deployed on Railway.	
Smart AI Resume Analyzer with Blockchain Certificate Verification	GitHub
• Engineered an NLP pipeline for resume parsing, feature extraction, candidate ranking, and skill-gap analysis using Machine Learning techniques. • Implemented blockchain-based certificate verification alongside skill-gap analysis to improve recruitment reliability. • Built an interactive Streamlit dashboard for recruitment analytics and candidate evaluation.	
PharmacoGuard – AI-Powered Pharmaceutical Complaint Management System	GitHub
• Engineered an AI-powered complaint management system using LangGraph, FastAPI, PostgreSQL, and Groq LLM. • Designed AI workflows for complaint classification, risk assessment, semantic search, and automated summarization. • Built REST APIs and integrated AI-powered workflows into a React-based web application.	

Education

Bharati Vidyapeeth College of Engineering, Navi Mumbai	Jun 2026
Bachelor of Engineering in Information Technology — CGPA: 7.63/10	
JSM College, Alibag	Mar 2022
Higher Secondary Certificate (HSC)	
K.E.S English Medium High School, Alibag	Mar 2020
Secondary School Certificate (SSC)	

Certifications

Programming in Generative AI — Oracle	Aug 2025
Data Analytics & Power BI — Godrej	Sep 2025