

Saksham Goel

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EDUCATION

Panipat Institute of Engineering & Technology
B.Tech in Computer Science & Engineering, Kurukshetra University

Haryana, India
Aug 2024 – Jul 2028

The Vivekanand School
Senior Secondary (Class 12) – PCM, CBSE

New Delhi, India
2024

TECHNICAL SKILLS

Languages: Python, SQL, JavaScript, HTML, CSS

Libraries & Frameworks: Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn, FastAPI, Streamlit

Databases & Tools: MS SQL Server, Git, Jupyter, FAISS, LangChain

PROJECTS

Real-Time Crypto Tracking & Analytics | *Python, Streamlit, Pandas, NumPy, REST APIs* *GitHub* | 2026

- Built a live crypto tracking dashboard that processes real-time market streams to compute moving averages, price volatility, and technical indicators.
- Wrote data processing pipelines using Pandas and NumPy to clean incoming market feeds and calculate rolling time-series metrics on the fly.
- Designed an interactive Streamlit UI with dynamic price charts to help track trends and sudden price shifts.

SQL Data Warehouse | *MS SQL Server, ETL, Medallion Architecture, Star Schema* *GitHub* | 2025

- Built an end-to-end data warehouse on MS SQL Server that pulls CRM and ERP source data through a Bronze → Silver → Gold architecture using stored procedures.
- Created the Silver layer ETL scripts to fix null values, standardize data types, validate dates, and clean up formatting across 6 source tables.
- Modeled a Gold layer Star Schema with surrogate keys across dimension views (`dim_customers`, `dim_products`) and a `fact_sales` table, writing SQL test scripts to check primary/foreign key integrity.

CriteriaGuard | *Python, FastAPI, React, PostgreSQL, Llama 3, Docker* *Live Demo* | 2026

- Built a full-stack web app for automated government tender evaluation using a 3-stage Llama 3 pipeline (CriteriaLens → DocProbe → VerdictCore) to keep output logic consistent.
- Added SHA-256 hash chaining in Supabase to track document edit histories, built automated PDF report exports, and containerized the system with Docker.

DocuMind RAG Engine | *Python, LangChain, FAISS, FastAPI* *Live Demo* | 2026

- Developed a document Q&A engine using LangChain and FAISS that runs vector searches under 200ms across large files, exposed through a FastAPI backend.

EXPERIENCE

Open Source Contributor / Volunteer Remote
Community Projects *2025 – Present*

- Contributed to community-driven technical projects and hackathon initiatives focused on ML and data tooling.

CERTIFICATIONS & ACHIEVEMENTS

Google Cloud Gen AI Hackathon (Jan 2026) – Delivered a production-grade AI solution for legal document processing

2nd Place – Intra-College Hackathon (2025) – Outperformed 20+ teams with an end-to-end deployed ML application

AI/ML Development Bootcamp – GGSIP University & IC&T ACM Student Chapter

Certifications: Data Analytics Job Simulation – Deloitte Australia | Google Cloud Vision API