

# GAURANG SANE

DATA SCIENTIST — END-TO-END MACHINE LEARNING SOLUTIONS

☎ +91 7507983413 ✉ gaurangtech9@gmail.com 🔗 linkedin.com/in/gaurang-sane

🌐 github.com/Gaurang2737 🌐 Portfolio Website 📍 Mumbai, India

## SUMMARY

- Final-year Data Science student with proven expertise in building and deploying end-to-end machine learning systems. Specializes in developing predictive models, engineering automated ETL pipelines, and creating BI dashboards that drive measurable business growth and create tangible value from complex, unstructured data.

## EXPERIENCE

- Data Science Intern** Pune, India  
*Techbird IT Services Pvt Ltd* 05/2025 – Present
  - Architected and deployed real-time BI dashboards using Power BI and Streamlit, reducing reporting turnaround by 40%.
  - Optimized classification models for personalized product recommendations, increasing user click-through rates (CTR) by 20%.
  - Engineered streamlined SQL and Python data pipelines, cutting data processing time by 30%.
- Virtual Data Analyst Intern** Remote  
*Accenture (Forage)* 03/2024 – 04/2024
  - Spearheaded an exploratory data analysis on social media data to identify key drivers of user engagement.
  - Constructed stakeholder-ready dashboards that led to strategies improving campaign ROI by 12%.

## PROJECTS

- Personal Finance AI System**
  - Engineered a full-stack AI system to automate financial analysis, featuring a robust ETL pipeline to process unstructured bank PDFs with over 95% data extraction accuracy.
  - Implemented an intelligent categorization engine using Sentence-BERT, providing users with actionable insights to improve budget management and identify potential savings of up to 15%.
- Fake News Article Detection**
  - Developed and validated a high-performance NLP model that classifies articles with 90%+ accuracy on a large-scale dataset of over 10,000 samples, showcasing strong model evaluation skills.

## TECHNICAL SKILLS

**Languages:** Python, SQL

**Data Engineering:** ETL Pipelines, Data Cleaning, Feature Engineering, SQLAlchemy, Pytesseract (OCR)

**Machine Learning:** Supervised Learning (Regression, Classification), Model Evaluation & Validation

**NLP:** Text Classification, Semantic Similarity (BERT), Feature Extraction (TF-IDF), NLTK, Sentence-Transformers

**BI Visualization:** Power BI, Streamlit, Matplotlib, Seaborn

**Tools Deployment:** Flask, REST APIs, Git/GitHub, Docker, Render

## EDUCATION

- University of Mumbai** Mumbai, India  
*B.E. in Computer Science and Engineering (Data Science)* Expected 06/2026

## ACHIEVEMENTS & ACTIVITIES

**Certifications:** Python for Beginners Intermediate (Codebasics), SQL: Beginner to Advanced (Codebasics)

**Leadership:** As Event Head for the ASCAI Committee, led a team of 15 volunteers to organize a college-wide tech event, managing logistics and securing a 25% increase in attendance to over 200 participants.

**Activities:** Zonal-level Volleyball Player, National-level Athletics Participant.