

Saish Baviskar

Pimpri Chinchwad, Pune Maharashtra

[+91 7387328425](tel:+917387328425) bsaish404@gmail.com [Portfolio](#) [In saishhhhhh](#) [saishhhhhh](#)

About Me

I'm a Data Science & AI engineering student with strong Machine Learning foundations, building scalable AI systems across Deep Learning, NLP, and Generative AI.

Technical Skills

- ❖ **Machine Learning:** Supervised & Unsupervised Learning, Feature Engineering, Scikit-Learn, XGBoost
- ❖ **Deep Learning & NLP :** Neural Networks, CNN, RNN, Transformers, text classification, embeddings
- ❖ **Frameworks & Tools :** TensorFlow, Keras, FastAPI, Streamlit, Git, MySQL, React, Node
- ❖ **Generative AI :** LangChain, Groq, LLaMA, Gemini, Prompt Engineering

Projects

- ❖ **SmartRetail 360 – AI Inventory & Marketing Engine** | *Python, Scikit Learn, LangChain, React* | [Live](#) | [GitHub](#)
 - Implemented a **XGBoost forecasting model**, reducing MAE by **32%** compared to traditional rolling-average baselines.
 - Segmented customers into **5 behavioral groups** via **K-Means & RFM analysis** to drive targeted high conversion marketing.
 - Designed a **Strategy Engine** that generates data-driven marketing campaign plans for **100% of stock items**.
 - Connected **Google Gemini (Gen AI)** to automate personalized marketing copy across 3+ channels, reducing manual work.
- ❖ **DataSense – AI-Powered Data Analyst** | *Python, LangChain, Pandas, Matplotlib, Streamlit* | [Live](#) | [GitHub](#)
 - Developed a Streamlit & LangChain platform for complex **data analysis** using **Natural Language Queries(NLQ)**.
 - **Automated EDA** to generate instant statistical summaries and correlation heatmaps for datasets up to 200MB.
 - **Enabled LLM code generation** for data cleaning and custom **Matplotlib/Seaborn visualizations** with code.
 - Architected a **multi-model backend** (Gemini, GPT-4, Claude) with secure guardrails for safe data manipulation.
- ❖ **Box Office Prediction** | *Python, Random Forest, Scikit Learn, Pandas, Streamlit* | [Live](#) | [GitHub](#)
 - Constructed a two-stage **Random Forest pipeline**, achieving a **0.95 R² score** for India Net revenue predictions.
 - Curated a custom dataset of **30+ features** via web scraping, capturing industry trends and cyclical seasonality.
 - Improved prediction accuracy using log transformations and automated detection for multi-language Pan-India films.
 - Deployed a **Streamlit dashboard** providing real-time forecasts with a **Mean Absolute Error (MAE)** of **₹7.9 Cr.**

Experience

- ❖ **BlueBit Hackathon 2025 (2nd Place) – MedGenix: Prescription Scanner & Generic Medicine Recommender** Mar 2025
 - Created **MedGenix**, to scan prescriptions and recommend generic alternatives, saving users up to 85%.
 - Achieved **92% OCR accuracy** using NLP and fallback logic on handwritten data.
 - Web scraped prices from **10+ pharmacy sites** for real-time comparisons between normal and generic medicine.
- ❖ **HackMatrix 3.0 – Pregnancy Wellness Platform** Feb 2025
 - Delivered an **AI-based platform** for personalized **prenatal & postnatal** care.
 - Implemented an **appointment alert system** with 100% automated **reminders** and **calendar sync**.
 - Integrated **meal logging** with auto-calculated **nutrition stats** and macro pie charts for 3+ meal types.

Education

- ❖ **Savitribai Phule Pune University** Aug 2023 – June 2027
 - Bachelor of Engineering in Artificial Intelligence & Data Science
- CGPA: 9.05 | Pimpri Chinchwad, Pune