

Sairam Jadhav

Email — LinkedIn — Portfolio — +91-7841996607

Pune, Maharashtra, India

Professional Summary

AI/ML Engineer with expertise in Machine Learning, Deep Learning, and Generative AI, combined with strong software development fundamentals. Skilled in building data-driven applications, optimizing ML models, and integrating them into scalable software solutions. Proficient in Python, Java, cloud platforms, and modern ML toolchains. Passionate about solving real-world problems with AI and engineering robust, production-ready systems.

Education

MIT Academy of Engineering

2021 – 2025

Bachelor of Technology in E&TC CGPA: 8.41/10

Nutan Vidya Mandir

2021

HSC (12th) Percentage: 91.33%

Strawberry English Medium School

2019

SSC (10th) Percentage: 91%

Projects

- **Drowsiness Detection System** — Real-time detection using CNN (ResNet/VGG) and OpenCV.
- **Two-Stage Diabetes Prediction** — Ensemble learning (CatBoost, LightGBM) for early diagnosis.
- **Medical Image Denoising** — Developed separate GAN and diffusion models for medical image denoising.
- **Sentiment Analysis** — Twitter sentiment classification using NLP.
- **Stock Price Forecasting** — Time series prediction using LSTM networks.

Skills

- **Programming Languages:** Python, Java, SQL, HTML, CSS, JavaScript
- **AI/ML Techniques:** Supervised/Unsupervised Learning, CNN, RNN, LSTM, GANs, Diffusion Models, Transformers, Model Optimization
- **Libraries/Frameworks:** NumPy, pandas, scikit-learn, OpenCV, Keras, TensorFlow, PyTorch, HuggingFace Transformers
- **Data Engineering:** Data Preprocessing, Feature Engineering, Data Cleaning, Pipelines
- **MLOps & Deployment:** Flask, Streamlit, Gradio, Google Cloud Platform (GCP), Hugging Face Spaces, AWS (basic), Git, REST API Integration
- **Web Development:** Basic frontend (HTML, CSS, JavaScript)
- **Databases:** MySQL, NoSQL (basic)
- **Visualization & Reporting:** Power BI, Tableau, Matplotlib, Seaborn
- **Soft Skills:** Problem Solving, Team Collaboration, Agile Practices, Communication

Languages

English (Fluent), Hindi (Fluent), Marathi (Native)