

SHRADHA VIJAY KOLEKAR

AI / ML Engineer

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📍 Tasgaon, Sangli, Maharashtra
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SUMMARY

I am a Computer Science Engineer specializing in Artificial Intelligence and Machine Learning. I possess strong foundations in Data Structures, Algorithms, and Statistical Modeling. With hands-on experience in building machine learning models, particularly in Explainable AI and financial risk systems, I am eager to contribute to developing scalable and interpretable AI solutions in a challenging AI/ML Engineer role.

PROJECTS

Credit Wise Loan Approval Prediction System 11/2025

Project aimed to develop a loan approval prediction system

- Built a machine learning model to predict loan approval status based on applicant financial history
- Performed data preprocessing and feature engineering
- Implemented classifiers such as Logistic Regression and Random Forest and optimized the model using cross-validation

Explainable AI For Fraud Detection In Digital Payment Systems 01/2026

Project focused on developing explainable fraud detection in digital payment systems

- Developed ML-based fraud detection using Logistic Regression, Random Forest, and XGBoost
- Handled class imbalance using SMOTE and evaluated with F1-score and ROC-AUC
- Integrated SHAP for model interpretability and feature importance visualization

EDUCATION

B.Tech in Computer Science & Engineering (Cgpa-8.87) 01/2021 – 01/2023

[Padmabhooshan Vasantraodada Patil Institute of Technology](#)

Budhgaon, Sangli

M.Tech in Computer Science Engineering (Pursuing) 08/2025 – 06/2027

[Annasaheb Dange College Of Engineering And Technology, Ashta](#)

First Year M.Tech completed (Cgpa-8.55) – Ashta, Sangli

AI TOOLS EXPERTISE

- Claude
- Antigravity
- Hugging Face
- Perplexity
- ChatGPT
- Gamma

SKILLS

Gmail · Data Structures · Python · C/C++ · Java · Deep Learning · TensorFlow · PyTorch · Scikit-Learn · Pandas · Numpy · Git · GitHub · Docker · Jupyter Notebook · Visual Studio Code · Random Forest · XGBoost · Responsive Web · HTML · CSS · JavaScript

KEY ACHIEVEMENTS

★ GitHub Projects & Problem Solver

Developed and maintained machine learning projects such as fraud detection systems using Git and GitHub for version control. Solved 50+ problems on LeetCode demonstrating strong problem-solving skills.

🏆 Gate Score

Scored 15.92 in GATE 2025

EXPERIENCE

Front-End Intern 01/2023 | Karad

[Vishwa Technologies](#)

- Built responsive web interfaces using HTML, CSS, JavaScript, Bootstrap, and Tailwind CSS
- Designed modern UI layouts using Flexbox, Grid, and mobile-first responsive design principles
- Enhanced user experience by improving page responsiveness and UI consistency
- Leveraged Bootstrap components and Tailwind CSS for faster and efficient UI development
- Managed code using Git and GitHub for version control