



JENIL RATHOD

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Professional Summary

AI/ML-focused Computer Engineering student with strong skills in Python, Django, Flask and ML Algorithms. Experienced in building ML-driven web apps; currently developing SoulPause, an LLM-powered wellness platform.

Academic Qualifications

Bachelor of Engineering in Computer Engineering (Honours in Artificial Intelligence and Machine Learning)

Zeal College of Engineering and Research, Narhe, Pune | 2022-Present | SGPA: 9.07/10 (6th Semester)

HSC in Science

St. John International High School, Palghar | 2020-2022 | Percentage: 91.80%

SSC in Science

Anand Ashram English High School, Palghar | 2019-2020 | Percentage: 85.00%

Technical Skills

- Programming Languages: Python, Java (Core), C++
- Web & Framework: HTML, CSS, Django, Flask, Streamlit
- Databases: MySQL, MongoDB, PL/SQL
- Technologies/Data & ML: NumPy, Pandas, Matplotlib, Seaborn, scikit-learn, NLTK, Tkinter
- Tools/Platforms: Jupyter, Git, GitHub, VS Code, PyCharm, Spyder, MySQL Workbench PostgreSQL, MS Office

Projects

Flight and Cargo Scheduling using Basic AI Concepts | [GitHub Link](#)

- Developed an AI- powered Django web app using A* search to optimize cargo placement on flights.
- Designed admin interface and simulation dashboard with user-friendly interface for real-time logistics simulation.
- Tech: Python, Django, A*, Constraint Logic, HTML, CSS, JavaScript

Inventory Management System (Sponsored) | [GitHub Link](#)

- Full-stack Django-based system for inventory tracking with secure login, email alerts, report generation (PDF, XLSX, CSV) and dashboard analytics
- Integrated admin panel for user, asset, and transaction management.
- Tech: Python, Django, ReportLab, HTML/CSS, SQLite, JavaScript,

SoulPause: AI Powered Journal & Wellness Recommender (In Progress)

- Building a platform using ML and LLMs to analyze user journals, detect emotions, habits, problem areas and recommend personalized content and coping techniques for situations like stress, confusion, or conflict
- Tech: Python, Flask, Flutter, ML, LLMs, NLP, Emotion & Intent Detection.

Trainings

Python, PL/SQL, Java Core and Cloud Training | Zensar Technologies Ltd. | Jan 2025

- 6-week (210 Hours) hands-on training in software development using Java, Python, and PL/SQL.
- Built modular backend systems, automated tasks and wrote optimized database queries.

Python, Data Science, Django, Git, GitHub, Soft Skills, Aptitude | Deutsche Bank AG | Feb 2025

- 3-week (100-hour) training in Python, Data Science, Django, Git/GitHub, Aptitude, and Soft Skills.
- Applied skills in full-stack Python development projects, data analysis, and professional skill building.

Achievements

- Smart India Hackathon (SIH): Team Lead, Email Spam Detection platform using ML.
- DIPEX Ideathon Finalist: District-level Presentation on Artificial General Intelligence (AGI).
- Anchored & Managed department tech/non-tech events, showcasing strong communication & management skills.

Extra-Curricular Activities

- Organized and led college events, managing a team of 20+ members.
- Hosted coding meetups and knowledge-sharing sessions.
- Volunteered in hackathons and community engagement events.

Strengths

- Detail-oriented | Strategic Thinking | Leadership | Team Collaborative | Time Management | Empathetic Listener

Hobbies

- Solving Problems | Machine Learning | Reading Psychology | Dancing | Exploring AI tools | Mindfulness