

OMKAR TANAJI PATIL

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PROFILE

Motivated Computer Science undergraduate with strong foundations in Python, machine learning, and data structures. As a DSA Facilitator at GDG Student Club, mentored peers, organized coding contests, and fostered collaboration. Completed 4+ technical projects and solved 400+ DSA problems, showcasing problem-solving expertise and passion for applying AI to real-world challenges.

PROJECTS

Vulnera - Bug Bounty Platform (Team Project)

Built the ML module using a BERT-based classifier to detect spam and duplicate bug reports. The platform uses Solana smart contracts for secure bounty submissions and verified payouts.

SwiftAnim - Quick Animation Generator

AI tool that converts text prompts into Manim animations with automated rendering. Built an interactive Streamlit UI with chat history and video playback.

Movie Recommendation System

Content-based recommender using cosine similarity on metadata. Implemented with Pandas, scikit-learn, and NLP techniques.

Spam Email Detector

Machine learning model using Multinomial Naive Bayes for spam detection. Applied text preprocessing and achieved high accuracy.

ACHIEVEMENTS

- **Semi-Finalist, GenAI Exchange Hackathon** by Google
- Secured **3rd Place** at **Craftverse** National-Level Hackathon
- **1st Prize**, DSA Coding Competition, CodeCraft Club
- Solved **350+** DSA Problems, LeetCode
- Maintained a **10.0 SGPA** in 2nd Year (CS)

EXPERIENCES

DSA Facilitator, 08/2025 - Current

Google Developer Group Students Club

- Led DSA workshops and mentored peers in problem-solving.
- Organized coding contests and practice groups.

LINKS

- github.com/OmkarTanajiPatil
- leetcode.com/omkartanajipatil

SKILLS

- Machine Learning and Data Analytics
- Python programming
- Data Structures and Algorithms
- Flask framework
- Django
- MongoDB
- MySQL
- C++

EDUCATION

B.E. CSE (Pursuing)

PCCOER - Pune

Higher Secondary Certificate, Current

Kulbhushan Junior College - Chh. Sambhajinagar

Secondary School Certificate, Current

Ramchandra Naik School - Chh. Sambhajinagar

GPA: 97%

CERTIFICATIONS

- Python Certification, HackerRank
- Problem Solving Certification, HackerRank