Omkar Patkar

LinkedIn | Portfolio | Github

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Python Developer

EDUCATION

Konkan Gyanpeeth College of Engineering

Bachelor's of Engineering in Artificial Intelligence & Data Science   **2022-2026**

SKILLS SUMMARY

- Languages : Python, HTML, CSS
- Frontend/Backend: Tailwind CSS, Django, Fast API, Docker, PostgreSQL
- AI/ML Tools: Generative AI, OpenCV, Scikit-learn, PyTorch
- Python Libraries :- Pandas, Numpy, Matplotlib, OpenCV
- Platforms : VS Code, Jupyter Notebook

PROJECTS

SalesGyan - AI Based E-commerce Sales Prediction   LinkedIn Post | Github

An intelligent web platform designed to streamline sales forecasting for online businesses using machine learning and LLM technologies.
- Developed a CSV upload module with built-in schema validation.
- Integrated LLMs to generate business insights and data explanations.
- Designed dynamic dashboards to visualize predictive sales trends.

AI-Based Resume Analyzer (API Version & Web platform)   LinkedIn Post | Github

A smart resume screening engine developed during a hackathon, offering real-time scoring, job matching, and market insight capabilities.
- Built RESTful APIs for resume parsing, scoring, and market-fit insights.
- Leveraged LLMs to provide career suggestions and salary benchmarks.
- Delivered a React interface for predictions, job-matching, and uploads.

Moodify   LinkedIn Post | Github

A real-time facial emotion recognition app that recommends mood-based songs using AI and computer vision.
- Implemented real-time facial emotion detection using TensorFlow.
- Mapped emotions to song categories using a curated recommendation engine.
- Built a responsive UI for seamless mood tracking via webcam.

CERTIFICATES

1. 3-Week Python Course (Geeks-For-Geeks)   Link

2. Python & Django REST API Bootcamp (Udemy)   Link

3. Maters in Gen AI (Udemy)   Link

4. Git For Beginners (Udemy)   Link

5. Python - A Practical Way (Last Moment Tutions)