DAKSHAT PAWALE

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PROFILE

Innovative AI/ML Engineer & Data Scientist skilled in Python, Deep Learning, Computer Vision, NLP, and Generative AI. Experienced in developing, fine-tuning, and deploying ML models and AI-driven applications.

SKILLS

- Python, R

- Machine Learning & Deep Learning

- Transformers, NLP, LLMs, Generative AI

- Hugging Face

- AWS (EC2, Lambda, S3)

- PostgreSQL

- Power BI

WORK EXPERIENCE

AI & DS Facilitator & Developer | Vakratunda Infotech (MKCL Authorized ALC)

Jan 2025 – Present

- Designed and deployed ML/DL models for computer vision, NLP, and predictive analytics.

- Fine-tuned transformer models for local educational datasets.

- Delivered Python and AI training sessions, mentoring students in projects.

- Built scalable cloud-hosted AI applications using AWS.

INTERNSHIPS

- ML for Fox Trading (Virtual) | Mar 2025 – Apr 2025

- SmartBridge – AI & ML Experiential Learning | Apr 2025 – Jun 2025

- Google AI-ML Virtual Internship | Jun 2025 – Jul 2025

PROJECTS

- Human Action Detection – Computer vision model for activity recognition.

- Vegetable & Fruit Classifier – Streamlit-based classifier with ML backend.

- Pune House Price Prediction – Deployed predictive model on AWS EC2.

- Transformer Fine-tuning – Customized Hugging Face model for sentiment analysis.

EDUCATION

B.Tech in Artificial Intelligence & Data Science | DY Patil University, Pune | 2022 – 2026 | GPA: 8.6/10

CERTIFICATIONS

- AI: Search Methods for Problem Solving – NPTEL (2025)

- Data Science for Engineers – NPTEL (2025)

- IBM Data Science for Professionals (2025)

- Machine Learning – 1stop.ai (2024)