

Sanket Dhonde

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EDUCATION

University of Mumbai

S.I.E.S Graduate School of Technology, Navi Mumbai

B.E in Artificial Intelligence and Data Science (2022-2026)

CGPA : 9.6

2022-2026

TECHNICAL SKILLS

Languages: Python, SQL, C++.

Frontend development: HTML, CSS, JS, Streamlit, Flask.

Data analysis and Data Science, Visualization: NumPy, Pandas, Matplotlib, Seaborn, Plotly, Scipy.stats, Scrapy, BeautifulSoup, Excel.

Database Management: MongoDB, PostgreSQL.

AI & Machine Learning: LangChain, LLMs, RAG, SciPy, Scikit-Learn, TensorFlow, LoRA, QLoRA, PEFT, Torch, NLTK, Pandas, Numpy, CNN, RNN.

Developer Tools: Git & Github, Collab, Jupyter Notebook & Lab, Visual Studios, PyCharm, hugging face, Kaggle, AWS.

EXPERIENCE

AI Intern

Vizpay Business Solution Pvt Ltd

DEC '25 - MAR '26
Thane (On-site)

- Building an AI assistant for customer support to analyze queries and generate accurate, human-readable responses.
- Designed a query classification system (database, generalized, out-of-scope).
- Implemented LLM-based Text-to-SQL for database queries and RAG to extract answers from company PDFs.
- Automated end-to-end workflow, reducing manual support workload by ~40%.

DL Project Traniee

Bhabha Atomic Research Centre (BARC)

Jun '25 - July '25
Mumbai (On-site)

- Developed deepfake image detection models using ResNet, DenseNet, and MCNet with PyTorch.
- Applied CBAM attention and Grad-CAM for model interpretability and performance improvement.
- Explored One-Class Classification using Autoencoders and Deep SVDD for detecting fakes with limited data.

Technical Secretary

SIES Graduate School of Technology

- Led the technical team to organize hackathons, workshops, and technical events.
- Coordinated with faculty and industry professionals for sessions and collaborations.
- Mentored juniors and managed technical operations and digital presence of technical clubs.

PROJECTS

GuardianEye—AI-Based Monitoring & Safety System

- Developed an AI-powered monitoring system for real-time safety and threat detection.
- Implemented computer vision models to analyze live video/images and identify suspicious activities.
- Designed automated alert mechanisms to notify users during potential risks.
- Built an end-to-end pipeline for detection, analysis, and real-time response.

DeepFake Detection System

- Developed a deep learning-based system to detect manipulated (deepfake) images.
- Trained CNN architectures such as ResNet and DenseNet using PyTorch on benchmark datasets.
- Applied CBA M attention and Grad-CAM for improved performance and model interpretability.
- Explored One-Class Classification (Autoencoders, Deep SVDD) for detecting fakes with limited data.

AWARDS & ACHIEVEMENTS

- Winner — DEFINE 3.0 Hackathon
- Winner — Enigma
- Winner — Coginition
- Top 30 (All India) — Ciia Competition