

SMIT MISTRY

📞 9510337644 ✉️ smit.mstr1@gmail.com [in Smit Mistry](#) [SmitM1](#) [Portfolio](#)

Education

Sal Engineering and Technical Institute

Bachelor of Engineering in Computer

CGPA is **8.57**

Sep. 2021 – Jul 2025

Ahmedabad, India

Narayana Junior College

Higher Secondary School (HSC)

Secured **88.83%** in 12th Boards.

Jul. 2019 – Aug 2021

Mumbai, India

Pawar Public School Kandivali, Mumbai

Indian Certificate of Secondary Education (ICSE)

Secured **78.33%** in 10th Boards.

2010 – 2019

Mumbai, India

Technical Skills

- **Languages:** Python, SQL, Java, C, C++, HTML, CSS
- **Libraries:** Scikit-learn, LightGBM, TensorFlow, Keras, Pandas, NumPy, Matplotlib, NLTK, Seaborn, XGBoost
- **Frameworks:** Flask, Tensorflow, FastAPI, BentoML
- **Software / Tools:** MySQL, GitHub, Microsoft Office, Microsoft Excel, Jupyter, Google Colab
- **Technologies / Concepts:** Agile Methodology, Software Development Life Cycle, Machine Learning, Deep Learning, Recurrent Neural Networks, Convolutional Neural Networks, Natural Language Processing

Projects

Rajkot Municipal Corporation (RMC) Chatbot | *Dialogflow, FastAPI, HTML/CSS* | [GitHub](#) May 2022 – July 2022

- Integrated Dialogflow's NLP and Intent Classification for efficient user interactions.
- Utilized FastAPI Python backend for seamless functionality.
- Designed intuitive frontend using HTML/CSS for optimal user experience.

Athlete Recognizer | *Python, Flask, HTML/CSS/JavaScript*

May 2022 - July 2022

- Conducted an end-to-end machine learning project focused on sports celebrity image classification.
- Utilized OpenCV for precise face and eyes detection within images.
- Implemented SVM, Logistic Regression, and Random Forest algorithms for model construction.
- Fine-tuned models using GridSearchCV for optimal performance.
- Developed a Python Flask server to manage HTTP requests from the user interface.
- Engineered an intuitive user interface using HTML, CSS, JavaScript, and jQuery for seamless interaction.

GTU Result Analyzer Web App | *Python, Flask, HTML/CSS* | [GitHub](#)

March 2024 – March 2024

- Employed Python Pandas and NumPy libraries for efficient data manipulation and analysis.
- Implemented Flask backend to handle server-side operations and routing.
- Crafted a responsive frontend using HTML/CSS to ensure an intuitive user interface.

Smart Shopping Cart Image Classification | *Python, VGG16, CNN, SVM, Flask, HTML/CSS* May 2022 - July 2022

- Developed a Smart Shopping Cart incorporating transfer learning on the VGG16 model.
- Performed fine-tuning on the top layer using CNN and SVM for enhanced performance.
- Utilized Flask for the backend server implementation.
- Designed frontend with HTML/CSS for seamless user interaction.

COURSE CERTIFICATIONS

Machine Learning Specialization

Oct 2023

Offered by Stanford Online & DeepLearning.ai on Coursera

1. Supervised Machine Learning: Regression and Classification
2. Advanced Learning Algorithms
3. Unsupervised Learning, Recommenders, Reinforcement Learning