

JAIWIN MEHTA

+91 9820460603 jwinmehta@gmail.com [LinkedIn](#) [Github](#)

OBJECTIVE:

Dedicated student passionate about Machine Learning, Data Science, and Data Analytics. A collaborative team player with strong problem-solving skills, I excel in data-driven decision-making and innovative web solutions. Constantly expanding my knowledge and embracing challenges.

EDUCATION:

Bachelor of Technology in Computer Engineering

2022- Present

Dwarkadas J Sanghvi College of Engineering, Mumbai. CGPA : 9.02

- Relevant Coursework : Data Structures and Algorithms (C), Database Management Systems, Mathematics, Operating Systems, Probability & Statistics, Programming in Java, Programming in Python, Website Development
-

TECHNICAL SKILLS:

Programming: C, Python, Java, Javascript, SQL, HTML, CSS

Technologies: Microsoft Excel, Bootstrap, Tailwind, NumPy, Pandas, Matplotlib, OpenCV, Seaborn, etc

Tools & Platforms: Git, Github, AutoCad, Postman, Microsoft Office, Jupyter Notebook Databases: MySQL, MongoDB

EXPERIENCE:

Machine Learning Developer – Synapse

2023-2024

- Skills and Technologies: Machine Learning, Computer Vision, Deep Learning, Neural Networks, Flask, Streamlit, Exploratory Data Analysis
-

PROJECTS:

Lingua Sense : Scikit-learn, NLTK, Seaborn, Matplotlib, WordCloud, Multinomial Naive Bayes, Decision Tree Classifier, Pipeline

- Achieved 98.6% accuracy in language identification.
- Leveraged Multinomial Naive Bayes for effective text classification.
- Implemented text processing and feature extraction using CountVectorizer.

Hand-Tracked Pong Game : OpenCV, CVZone, Numpy

- Developed an interactive Pong game controlled by hand movements.
- Utilized hand tracking to detect and move paddles, achieving real-time interaction.
- Implemented collision detection and scoring mechanism for a seamless gaming experience.

Breast Cancer Survival Analysis : Pandas, Matplotlib, Seaborn, NumPy

- Tumor Stage Distribution: 56.8% of patients are in Stage II.
 - Gender and Age Insights: Majority of patients are female, predominantly aged 41-60.
 - Correlation Findings: Identified key correlations between age, protein levels, and histology.
-

CERTIFICATIONS AND RESEARCH PAPERS:**Accenture North America Data Analytics and Visualization Job Simulation – July 2024**

- Advised a hypothetical social media client as a Data Analyst at Accenture
 - Cleaned, modeled, and analyzed 7 datasets to uncover content trends and inform strategic decisions
 - Prepared a PowerPoint deck and video presentation to communicate key insights for the client and internal stakeholders
- Research Paper on Lung Cancer Detection using Quadrees and Active Learning (Ongoing)**

EXTRA CURRICULARS

Volunteer – DJSNSS (D.J. Sanghvi National Service Scheme)