

Asma Shaikh

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Educational Qualification

Dwarkadas J. Sanghvi College of Engineering
Currently pursuing a bachelors in CSE (DS) with a CGPA of 8.395.

Vile Parle, Mumbai
2023-2026

Thakur Polytechnic
Scored 91% in Computer Engineering Diploma.

Kandivali, Mumbai
2020 - 2023

Internships

AIML Intern

June, 2024 - August, 2024

OnMyOwnTechnology

- ✓ Developed multiple machine learning models, improving prediction accuracy by 95% using TensorFlow and Scikit-Learn.
- ✓ Built & deployed AI-driven solutions using Raspberry Pi, automating real-world tasks.
- ✓ Collaborated with a cross-functional team to design responsive web interfaces, improving user engagement.
- ✓ Optimized cloud deployment of AI models for scalability and real-time processing.

Web Developer Intern

July, 2022 - August, 2022

Nibodh Educare

- ✓ Developed and launched a responsive frontend website, enhancing user engagement.

Projects

Credit Card Fraud Detection / Python, Pandas, NumPy, Matplotlib, Seaborn, Scikit-Learn

- Built a fraud detection model using a Random Forest Classifier, identifying fraudulent transactions with 95% precision.
- Implemented SMOTE for handling class imbalance, improving recall by 30%.
- Developed data visualization dashboards for real-time fraud pattern detection.

Predictive Diabetic Retinopathy Diagnosis | Python, TensorFlow, Keras

- Designed a CNN model to classify diabetic retinopathy images, achieving 83% accuracy.
- Used data augmentation to improve model generalization and performance.
- Integrated visualization techniques to interpret model predictions

Bharatnatyam Posture Classification | Python, TensorFlow, Keras, NumPy, Matplotlib, PIL)

- Developed a deep learning model for pose classification with 96% accuracy.
- Implemented image preprocessing & augmentation for robust model training.

Students Food Preference / Data Visualization - NumPy, Matplotlib, Seaborn, Tableau

- Analyzed food preferences of college students, achieving 70% accuracy in predictive modeling.
- Developed interactive dashboards to visualize dietary trends.

Skills

- Programming Languages: Python, Java, C++, SQL
- Machine Learning: TensorFlow, Keras, Scikit-Learn, OpenCV
- Databases: MySQL
- Tools: Git, Tableau, Ms Office
- Web Development: HTML/CSS

Certifications

- Google Digital Unlock
- J.P. Morgan Software Engineering Virtual Experience on Forage

Leadership & Extra-Curriculars

- Chairperson -ISTE June 2022-May 2023
 - Led a 20+ member team to organize tech workshops, hackathons, and AI/ML learning sessions.
 - Managed events with 1500+ attendees, improving student engagement in emerging technologies.
- Member-ISTE June 2021-May 2022