

ASMA SHAIKH

Student

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Mumbai, India

asma.shaikh10092004@gmail.com

ACADEMICS

BTech in Computer Science

Dwarkadas J. Sanghvi College of Engineering, Mumbai,

September 2023-Present

Diploma in Computer Engineering

Thakur Polytechnic, Mumbai

August 2020 – June 2023

Percentage- 91%

Secondary

Royal Girl's H. A. High School, Mumbai

June 2007 – March 2020

Percentage- 90%

WORK EXPERIENCE

Web Development Intern – Nibodh Educare

Mumbai, India

July 2022 – August 2022

Leveraged my skills as a web developer to create dynamic, user-friendly websites that drive engagement and enhance user experience. Specialized in front-end and back-end development, ensuring seamless functionality and innovative design.

AIML Intern– Omotec

Mumbai, India

June 2024 – July 2024

Worked as an AI/ML intern, developing and optimizing machine learning models to drive innovative solutions.

TECHNICAL SKILLS

- **Coding Language**
HTML, CSS, JavaScript, C, C++, Java, SQL, Python,
- **Libraries & Framework**
Numpy, Pandas, Sklearn, Matplotlib, KNN, garibo, Seaborn, Pydub, Librosa, Pathlib, Shutlib, Tensorflow, PIL,
- **Coursework**
DSA, DBMS, Machine Learning, Raspberry pi
- **Platforms**
Canva, Tableau, MS-Excel

CONTACT

LinkedIn: Asma Shaikh

GitHub: ASMASHAIKH04

Website: <https://asmashaikh04.github.io/Portfolio/>

CERTIFICATIONS

- Google Digital Unlock June 2022
- J.P. Morgan Software Engineering Virtual Experience on Forage August 2024

PROJECTS/HACKATHON

- **Optimal NBA Player for Specific Positions**
Analyzed NBA player performance data using machine learning to predict key metrics like points, rebounds, and assists, aiding in player recruitment, strategy development, and game planning.
- **Brand Value (economic Project using ML)**
Analyzed perfume brand value by comparing ingredient costs with retail prices from an economics perspective.
- **Predictive Diabetic Retinopathy Diagnosis**
Classified retinal images into severity levels for diabetic retinopathy detection.
- **Oregon Wildlife**
A Novel Approach for Roadside Wildlife Detection using Convolutional Neural Network
- **Bharatnatyam Posture Classification**
Tracked dancer positions based on posture using machine learning algorithms.
- **Star Classification**
Utilizing a comprehensive dataset containing detailed information about stars, such as spectral class, temperature, luminosity, radius, and absolute magnitude.
- **Exit poll vs actual poll**
Compared average exit poll results with actual poll outcomes and developed an ensemble learning model to predict actual results using multiple exit polls.
- **Emotion Detection**
Compared audio and video to detect emotions in videos, and developed an ensemble learning model for emotion prediction.
- **Credit Card Fraud Detection**
The challenge is to recognize fraudulent credit card transactions so that the customers of credit card companies are not charged for items that they did not purchase.
- **Agromeet**
Agromeet is a cutting-edge farm assistant application that streamlines agricultural management with real-time data and AI-driven insights. Empowering farmers to maximize productivity and sustainability, Agromeet revolutionizes the way farming is done.

POSITION OF RESPONSIBILITY

- **Member-ISTE** June 2021-May 2022
Contributed as a dedicated member of the ISTE committee, fostering innovation and excellence in technology and education.
- **Chairperson -ISTE** June 2022-May 2023
Served as the distinguished Chairperson of the ISTE Committee, leading with innovation and excellence.