ASMA SHAIKH

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## 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/Protfolio/>

## 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.