

# MUSKAN SINGLA

D-101, Cloud - 9 Apartments, Sector - 1, Vaishali, Ghaziabad, UP - 201010  
☎ +91-8377089610 ✉ [singlamuskan2002@gmail.com](mailto:singlamuskan2002@gmail.com) [in LinkedIn](#) [Github](#) [Leetcode](#)

## Summary

- Logical and organized individual with a strong foundation in software engineering and development, providing innovative software solutions.
- Problem solving and critical thinking applying new technologies to the real world, along with teamwork, leadership, time management, adaptability, decision-making, and communication skills.
- Seeking an opportunity where I can use my skills and knowledge in the company's growth.

## Key Expertise / Skills

- |                   |                      |              |                         |
|-------------------|----------------------|--------------|-------------------------|
| • Data Structures | • Object Oriented    | • JavaScript | • Operating System (OS) |
| • Algorithm       | • Programming (OOPs) | • React.js   | • DBMS                  |
| • C / C++         | • HTML / CSS         | • Node.js    | • Computer Networks     |
|                   |                      | • MySQL      | • System Design         |

## Education

**The LNM Institute of Information Technology, Jaipur**

*B.Tech. in Communication and Computer Engineering*

**Expected Graduation: May 2024**

*CGPA : 7.81/10*

**Seth Anandram Jaipuria School, Ghaziabad**

*12th Grade - CBSE*

**2019 – 2020**

*Percentage : 95.4%*

## Experience

**AQUSAG TECHNOLOGIES**

**June 2022 – July 2022**

*REACT DEVELOPER INTERN | HTML, React, Vite*

- Developed an innovative **ERP Model** that significantly improved our client's administration management with comprehensive functionalities such as 'Ask Leave,' 'Payrolls,' 'Attendance,' etc., **optimizing** efficiency and usability to an unprecedented level.

**KNOWLEDGE SOLUTIONS INDIA**

**August 2021 – October 2021**

*TRAINEE AND INTERN | Machine Learning, Data Science, Data Analytics*

- Worked and designed machine learning models to predict the **chances of admission** of an applicant to pursue Master's, based on different factors like scores of the GRE Score, TOEFL Score, University Rating, CGPA, etc.
- Implemented **Multiple Linear Regressor** and **Random Forest Regressor**, along with Principle Component Analysis, with MSE = 0.042, RMSE = 0.059, and R-Square Score = 0.821.

## Projects

**CLASSFORGE** | [Live](#) | [Github](#) | *React.JS, Node.js, Express.js, Authentication, MongoDB*

**June 2023 – July 2023**

- Developed a virtual classroom using React.js and Node.js for efficient **REST-API** handling, featuring secure login using **Passport.js** for user authentication.
- Implemented key features such as class creation, joining, announcement feeds with file attachments, participant control, and class status.

**ROAMRADAR** | [Live](#) | [Github](#) | *React.js, Javascript, MUI, API Integration*

**November 2023 – December 2023**

- Engineered a traveling advisor application using React and MUI, integrated with Google Maps API for location services.
- Utilized Rapid API for fetching detailed travel advisor information, including nearby restaurants, hotels, and attractions, along with their ratings, reviews, and contact details for listed places.

**UFC - FIGHT ANALYZER** | [Github](#) | *CNN, Computer Vision, YoloV5, OpenCV*

**March 2023 – May 2023**

- Developed a system that can accurately detect the type of movement during a UFC fight.
- Collected **data-set of over 3000 images** of UFC fight footage which was trained on YoloV5.
- Evaluated the system on the held-out dataset with an **accuracy of 82%**.

## Achievements

- Secured **2nd Position** in **Robolympics** competition in Technical fest of **BITS Pilani Apogee**.
- Solved over 750+ questions on Leetcode and GeeksforGeeks.
- Held the esteemed position of **Associate General Secretary** of the Science and Technology Council at LNMIIT and **Coordinator** of **Mess Worker's Education Program**.