



# IQRA ABBASI

Reg No.: 20226066

Bachelor of Technology

Mechanical Engineering with minor in CSE

Motilal Nehru National Institute of Technology Allahabad,  
Prayagraj

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iqra17

## EDUCATION

### •Motilal Nehru National Institute of Technology Allahabad

B.Tech in Mechanical Engineering with minor in CSE

2026

CPI: 8.16(till 4th sem)

### •Himalayan Public School

AISSCE (CBSE)

2021

Percentage: 78.2

### •St. Paul's School

CISCE (ICSE)

2019

Percentage: 92.6

## EXPERIENCE

### •SOFTWARE DEVELOPMENT INTERN

BEWINGZ

- Tools technologies : React.js, Node.js, MongoDB, Express.js
- Designed and developed both frontend and backend of a dynamic website for the customization of e-bikes.
- Integrated a secure payment system using Razorpay payment gateway to facilitate preorders, enhancing user experience and functionality.

## PERSONAL PROJECTS

### •MNNIT-VOYAGE [Web Development Project]

Developed a treasure hunt platform with user authentication, team formation, and real-time team chats..

- Tools technologies : React.js, Node.js, MongoDB, WebSockets, TypeScript, Leaflet.
- Designed a navigation feature using Leaflet for routing between campus locations. Team Member can also chat with each other using the Chat room feature designed using socket.io.

### •BREAST CANCER CLASSIFICATION WITH NEURAL NETWORK [Deep learning]

Developed a neural network based a predictive system to identify the tumor being malignant or benign.

- Python packages and functions : StandardScaler function, matplotlib.pyplot, numpy array, Tensor flow and Keras.
- Provides a highly accurate diagnosis of tumours, reducing the risk of false positives and false negatives with the help of Artificial Neural Network.

## TECHNICAL SKILLS

**Languages:** C++, Python, SQL

**Web Libraries:** Node.js, React.js, Express.js, Socket.io, MongoDB

**ML Libraries:** Pandas, Numpy, TensorFlow, Matplotlib, Seaborn

**Applications:** Classification, Regression, Clustering, Artificial Neural Networks, Natural Language Processing

**Developer Tools:** Github, Google Colab, VS Code

**Concepts:** Data Structures, Algorithms, Hyperparameter Tuning

## SOFT SKILLS

**Leadership, Mentoring, Presentation skill, Communication, Adaptability**

## COURSEWORK

**Coursework and Area of Interest:** Artificial Intelligence and Machine learning Techniques, Data Structures, Algorithms, Object Oriented Programming, Operating System

## CODING PROFILES

**Leetcode:** iqra\_17

## POSITIONS OF RESPONSIBILITY

•Mentor: Robotics Club

2024-present

•Mentor: Student Mentorship Program

2023-present

•Member: Enactus

2023-present

## ACHIEVEMENTS

• 1st position in MathRush, Avishkar

2024

• Top 3 in Mechathon, Avishkar

2024