

# ASHISH GUPTA

Final Year(BTech'25)  
COMPUTER SCIENCE AND  
ENGINEERING at [NIT Mizoram](#)  
CGPA: 9.70 till 6<sup>th</sup> Sem

## GET IN TOUCH

+91 8112702388

[bt21cs035@nitmz.ac.in](mailto:bt21cs035@nitmz.ac.in)



## ACADEMIC BACKGROUND

### National Institute of Technology Mizoram

BTech, Dec 2021 - May 2025  
Dept. of Computer Science  
and Engineering CGPA - 9.70  
till 6th Semester

### Shaheed Inter College, Mau, Uttar Pradesh

12th-UP Board, Mar 2019  
Science (PCM)  
Percentage - 77.80%

### Shaheed Inter College, Mau, Uttar Pradesh

10th-UP Board, Mar 2017  
Percentage - 86.00%

## SKILLS | COURSEWORK

- [AWS Cloud Foundation](#)
- [Web Development](#)
- [Artificial Intelligence](#)
- [Android App Development](#)
- [Machine Learning](#)
- [Ethical Hacking and Cyber Security](#)
- [Backend Web Development](#)
- [JavaScript: Basic to Advance](#)
- [Basic SQL](#)
- [Python Programming: Basic to Advance](#)
- [Data Structures and algorithm](#)
- [Object-Oriented Programming](#)
- [C++ Programming](#)
- [Java Programming](#)
- [Master Course in Leadership](#)
- [MS Excel](#)
- [PowerPoint Design and Delivery](#)

## PROJECTS

### [DEEPFAKE APPLICATION](#)

| Machine Learning

( DEC'23-JAN'23 )

- Detects face from image and process it on both image and video file types and makes available to download processed file.

### [PETROL PUMP MANAGEMENT SYSTEM](#)

| Flask & SQL

( NOV'23-DEC'23 )

- Developed a Petrol Pump Management System with a meticulously normalized MySQL database, optimizing operations for efficient fuel inventory management and sales tracking.

### [REAL-TIME FACE FILTER APP](#)

| Machine Learning

( MAY'23-JUN'23 )

- Created real-time webcam-based face filter application using computer vision and deep learning. Automatically detects faces and applies interactive filters for an engaging user experience.

### [HUMAN POSE-DETECTOR](#)

| Machine Learning

( APR'23-MAY'23 )

- Built a pose detection app for images and videos, displaying human skeleton overlays. Demonstrated expertise in computer vision and pose estimation techniques.

### [BASIC BANKING SYSTEM](#)

| Web Development

( FEB'23-MAR'23 )

- A Basic Banking System Page Having a List of Customers with Details Like mail Id, Name, Amount in the account. User of The Page can Transfer Money Amount to any of the Customers and from a Customer to Another, Transaction History will be Recorded.

### [QR CODE GENERATOR](#)

| JavaScript

( NOV'22-DEC'22 )

- This is a QR Code Generator for any Text Data. It has various size options for QR. Scanning the QR one can retrieve their Encoded Data.

## EXPERIENCE

### BIOMETRIC EXCHANGE FORMATS

| [BIS DELHI](#)

( MAY'24 -JUL'24 )

- Currently immersed in my internship at Bureau of Indian Standards Delhi, focused on study of common biometric exchange formats, standards available and status of implementation.

### NextG WIRELESS RESEARCH AND 5G STANDARDIZATION | [IIT DELHI](#)

( DEC'23 -JAN'23 )

- Developed edge architecture to enhance network efficiency, established databases to support network functionalities, created an intelligent robotic application optimized for edge computing, gained hands-on experience in emerging wireless technologies.

### CLOUD RESOURCE PREDICTION

| [NIT WARANGAL](#)

( MAY'23 -JULY'23 )

- During my exhilarating 2-month [cloud resource prediction](#) research internship, I delved into the fascinating world of machine learning and statistical models to create a powerful oracle for cloud resource allocation. Developed an Efficient algorithm for renewable resource allocation as well.

### WEB DEVELOPMENT AND DESIGNING | The Sparks Foundation

( JAN'23 -FEB'23 )

- Successfully completed a 6-week training on [Web Development](#) and Designing, The Training consisted of Introduction to Web Development, Basic SQL, Introduction to JavaScript, Designing, and integration of all tools of Web Development and Designing to Create a Project.

## DEVELOPER TOOLS

---

Visual Studio, Google Cloud Console, Jupyter Notebook, PyCharm, Google Collaboratory, Anaconda3, Dev C++

## LANGUAGES

---

JavaScript, Nodejs, Python (Flask, PyBullet, NumPy, Pandas, TensorFlow, OpenCV, Scikit-learn, Matplotlib), SQL, C++, Java, HTML, CSS, C Programming Language.

## ACHIEVEMENTS | PARTICIPATIONS

- One week short-term course on Robot Motion Planning Organized By [NIT MZ](#) (MAR'24)
- 4 Days Workshop on Next Generation (5G/6G) Communication Network. (OCT'23)
- Selected For Internship in [IIT BHU](#) in Computer Networks Field. (MAY'23)
- Selected For Internship in [IIT Mandi](#) in ML Field. (MAY'23)
- 7 Days Bootcamp on Machine Learning by [devTown](#), Awarded [Microsoft](#) and [Google](#) certifications. (JAN'23)
- 4 ★ coder at [Code Chef](#).
- 3 ★ coder at [Hacker Rank](#).
- Attended Motivational Talk Workshop Organized By [CSS](#).
- Participated in Cyber Crime Combat Organized By [CSS](#).

## POSITION OF RESPONSIBILITY

---

### Anti-Ragging Committee Member | [NITMZ](#) (OCT'23)

Serving as an active member of the Anti-Ragging Committee in college, demonstrating a commitment to fostering a safe and inclusive campus environment.

### Junior Technical Associate | [CSS NITMZ](#) (MAR'23)

Working as Junior Technical Associate in Computer Science Society, Enhancing the technological growth of our Computer Science Society and helping to reach New Perks.

### Class Representative | [NITMZ](#) (AUG'22)

Holding the position of Class Representative for my department batch since inception, facilitating effective communication between students and faculty, and contributing to the overall coordination and welfare of the class.