



Mo Moin

Roll No.: 22BTB0A45

B Tech

Biotechnology

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🐙 GitHub Profile

🌐 LinkedIn Profile

EDUCATION

•National Institute of Technology, Warangal

2022 - 2026

B tech Biotechnology(Major)

CGPA: 7.65

•National Institute of Technology, Warangal

2023 - 2026

Btech Electronics and Cummunication Engineering(Minor)

EXPERIENCE

•Software Engineer Intern

May 2025 - July 2025

Department of Atomic Energy , VECC

Kolkata , India

- Built a Python-based multilingual video recording platform for Indian language dataset collection.
- Integrated real-time face detection (Dlib HOG), audio/video capture (FFmpeg), and a Tkinter-based GUI with modular roles.
- Enabled data quality control, automated certificate generation, and supported 20+ Indian languages across universities.

•Research Intern

May 2024 - July 2024

Summer Intern , Guide : DR. Sumit kumar Singh , Department of Bio-Chemical Engineering , IIT BHU

Varanasi , India

- Worked on extraction and quantification of L-DOPA from Mucuna pruriens seeds using biochemical and analytical techniques.
- Optimized extraction protocols for higher yield and purity, contributing to Parkinson's disease therapeutic research.
- Gained hands-on experience with solvent extraction, Soxhlet apparatus, Evaporator , Lyophilizer , HPLC analysis, and phytochemical screening methods.

PERSONAL PROJECTS

•Interactive love letter

Designed and developed an interactive multi-step message delivery platform using HTML, CSS, and JavaScript.

- Implemented dynamic user interface transitions, real-time button animations, and responsive layouts.
- Showcased creative frontend logic to simulate playful interaction and storytelling through browser-based UI.

•Project Name

Event dates

Project description(Your input in the project)

- Tools & technologies used: xxx,xxx
- More description on the project(The output you achieved by working on the project)

TECHNICAL SKILLS AND INTERESTS

Languages: C++ , Python , SQL , HTML ,CSS ,JavaScript

Developer Tools: VS Code , Figma , Excel , Git/GitHub

Frameworks: MERN(MongoDB ,ExpressJS , ReactJS , NodeJS ,UI/UX Design

Soft Skills: Leadership , Content Creation

Coursework: C++ , DSA , Python , SQL , IOT

Libraries: tailwind CSS , Bootstrap , ExpressJS

Areas of Interest: Coding , Data Analysis

POSITIONS OF RESPONSIBILITY

•Coding team, Software development Club

2023 - 2024

•Poster Designing Teamvalue Education Club

2023 - 2025

ACHIEVEMENTS

•Solved 500+ DSA problems on Leetcode and GeeksforGeeks

•Achived highest grade in Unit operations and Engineering Mathematics