

# MOHINI GUPTA

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## EDUCATION

### Vellore Institute of Technology

*B.Tech in Computer Science and Engineering with specialization in AI and ML*

Bhopal

*Sept 2021 - Ongoing*

**CGPA:** 8.37

## TECHNICAL SKILLS

**Languages:** C++, SQL, JavaScript

**Development Skills:** HTML, CSS, ReactJS

**Soft Skills:** Communication, Leadership, Teamwork

## EXPERIENCE

### MERN Full Stack Internship

Aug 23 - Nov 23

*Ethnus*

*Remote*

- Gained comprehensive knowledge of the MERN stack in real-world projects to build dynamic websites , scalable applications.
- Executed design and implementation strategies using the MERN framework to develop interactive dashboards, providing actionable insights which increased data retrieval speed by two minutes per query for over 100 stakeholders.
- Designed user-friendly web interfaces that enhanced usability, improving navigation efficiency.
- Collaborated with teams of 4–6 members on front-end development tasks, utilizing version control and managing comprehensive development workflows.

## PROJECTS

### Medi-Link | *Next.js, AI, Machine Learning*

Sept 24 – Apr 25

- Description: Developed a comprehensive medical automation system streamlining interactions between medical staff, doctors, and patients. Features include appointment scheduling, prescription management, live chat support, blood-bank support, medical records management, and real-time AI assistance.
- Led the research and setup of a Local Language Model (LLM) for advanced AI-driven medical support, increasing system efficiency and user satisfaction.
- Role: Responsible for project documentation, research, AI integration, and machine learning tasks including set up LLM model.

### Garbage Reporting System | *ReactJS, HTML, CSS, JavaScript*

Sept 23 – Jan 24

- Description: Built a garbage reporting website that allows users to report garbage locations, upload images, and view a real-time map of reported locations.
- Implemented a secure login system using Supabase for authentication, leading to increased user participation.
- Role: Led the frontend development and integration of authentication and data storage using ReactJS, HTML/CSS and JavaScript, improving user engagement by 40%.

## CERTIFICATIONS

- Python Bootcamp Certificate, Udemy, Apr 22
- HTML, CSS, & JavaScript for Web Developers, Coursera, Feb 23
- AWS Certified Cloud Practitioner, Feb 24

## EXTRACURRICULAR/ACHIEVEMENTS

- Participated in an intensive web development workshop, mastering core techniques and best practices.
- Head Girl (2019-2020): Directed and managed more than 10 major school events, including cultural festivals and academic programs, leading a team of 20+ students and collaborating closely with faculty.
- Achieved top recognition among 15 participating schools at a prestigious state-level mathematics exhibition, attended by over 500 peers.
- Attended the Rakuten Product Conference 2025, engaging in discussions on AI-Ready Culture: Machine Speed, Human Ingenuity held on April 23, 2025.

## ADDITIONAL INFORMATION

Language Proficiency: English ,Hindi