

# Abhishek Mishra

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## Skills

**Technical Skills:** C + +, HTML, CSS, JavaScript, React, SQL, Git/GitHub, Python, Cloud Computing (AWS)

**Technologies/Frameworks:** MongoDB, React, Node.js, Express.js

**Data Analysis Tools:** Python, Excel, SQL, Tableau

**Soft Skills:** Complex Problem Analysis, Strategic Decision Making, Effective Communication, Leadership

## Education

**B.Tech in Cloud Computing Engineering** 2022–2026

VIT Bhopal University – Sehore, Madhya Pradesh

CGPA: 8.44

**Class 12th – Doon Public School (CBSE)**

2021

Kheri, Uttar Pradesh

Percentage: 80.8%

**Class 10th – Doon Public School (CBSE)**

2019

Kheri, Uttar Pradesh

Percentage: 84.6%

## Projects

### ChatMe | Full Stack Chat App

- Developed a full-stack real-time chat application using the **MERN stack** and **socket.io** for seamless two-way communication.
- Implemented **web socket-based messaging** to enable low-latency bidirectional communication between multiple users and rooms.
- Designed and managed RESTful **APIs** for user authentication, message routing, and chat history using **Express.js** and **MongoDB**.
- Optimized **state management** in the frontend with **React hooks** to improve performance and ensure responsive user interface rendering.

### Real-time News Aggregator

- Created a **Python**-based news aggregator utilizing **BeautifulSoup** for efficient news consumption.
- Automated the **search and storage** of the latest articles from multiple news websites on a cyclical schedule.
- Reduced time and effort required for manual browsing of multiple sources for updates.

### Smart Plant Disease Detection System

- Developed a supervised learning model using **Seaborn**, **Keras**, and **TensorFlow** libraries.
- Trained the model with **2,000 Kaggle** images to enhance accuracy.
- Achieved approximately **95% accuracy** in plant disease prediction.
- Used leaf images to identify a wide range of disease-prone plants.

## Certifications

- AWS Cloud Practitioner – **GeeksforGeeks** 
- AWS DevOps – **Infosys Springboard** 
- 30 Days SQL Micro Course – **Skill Course E-Learning Platform** 

## Achievements & Extracurricular

- Qualified for the first round of **Adobe India Hackathon**, demonstrating strong problem solving skills.
- Secured **All India Rank 426** in **Codeclash – The Battle of Logic & Code**.
- Passionate about **cricket**, participated in **district level** tournaments that demonstrated teamwork and sportsmanship.
- Held **leadership roles in college sports and activities**, fostering collaboration and motivating peers.