

# CURRICULUM VITAE – BHUMI JAIN

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## PERSONAL INFORMATION

Bhumi Jain  
Rajasthan, India  
 <https://github.com/Bhumi2004>  
 <https://www.linkedin.com/in/bhumi-jain-ab1168253/>



## SUMMARY

I'm a Third-year Computer Science and Engineering (CSE) student at Techno India NJR with a strong academic background and hands-on experience in various projects. My interest for technology drives me to continually to expand my skills and apply innovative solutions to real-world problems. I am committed to contributing effectively to team projects, leveraging my technical knowledge and collaborative spirit to drive impactful results.

## SKILLS

**Programming Languages :** C, C++, JavaScript, HTML, CSS  
**Frameworks :** Node.js, Express.js, React.js  
**Databases :** MySQL, MongoDB  
**Dev Tools :** Visual Studio Code, Git-Hub, Kaggle  
**Languages :** Hindi, English, German(Beginner).

## CERTIFICATIONS

- 1 : Certificate of Web Wizards(Quiz) Round1 Round2 Round3
- 2 : MongoDB Developers Tool Kit by GeeksforGeeks
- 3 : Certificate of Back-End Web Development(Quiz)
- 4 : ML Foundation

## RESEARCH AND WORK EXPERIENCE

### Data Analyst Intern(Micro-Internship) IBM

May 2023 - June 2023

- Analyzed large Datasets to extract meaningful insights and trends, collaborating with teams for problem solving.
- Assisted in optimizing data collection processes.

### Drone-Based Intelligent System(SIH)

September 2024 - Present

- Developed a drone-based AI system equipped with advanced sensors to autonomously spray nutrients and pesticides based on real-time apple tree health data.
- Addressed weather challenges (rain, fog, snow) specific to Himachal Pradesh by integrating solutions to keep drone camera lenses clear during operations.
- Focused on improving the precision and efficiency of apple orchard management through the use of cloud-based data analysis.

### Maternity Baby Hub

August 2024 - Present

- Selected for Phase 1 of the Vultr Cloud hackathon based on the innovative concept and potential impact of the platform.
- Currently designing a comprehensive platform to support expectant and new mothers by offering real-time information, personalized symptom tracking, baby healthcare monitoring, and mental health resources.
- The platform will integrate virtual consultations with healthcare professionals to provide remote guidance. Leveraging secure cloud services (Vultr) for data storage and accessibility, ensuring a user-friendly interface.
- The project aims to address maternal health issues such as anxiety, depression, and other conditions affecting over 40 million women annually, promoting early detection and preventive care in maternal health.

## EDUCATION

MDS(High School)

April 2019 - April 2020

MDS(Higher Secondary School)

April 2021 - April 2022

B.Tech CSE(Techno India NJR Institute of Technology) September 2022 - September 2026