

# Manan Kansagara

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## Education

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### VIT Bhopal University

BTech

Major in Computer Science

Cumulative GPA: 8.45/10

Bhopal, Madhya Pradesh

Expected May 2026

## Skills

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**Programming Languages:** C++, HTML, CSS, JavaScript

**Technologies and Framework:** Node.js, Express.js, MongoDB, TailwindCSS

**Tools & Platforms:** Git/GitHub, Jenkins, Maven, Linux, Docker

**Core CS Concepts:** Data Structures, Algorithms, Object-Oriented Programming (OOP), System Design

## Projects

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### Healthy Leaf

Feb 2024 – Apr 2024

[HTML, TailwindCSS, Javascript]

- Achieved 85%+ accuracy in detecting 38 plant diseases using a deep learning model trained on a 50,000+ Kaggle images.
- Implemented TensorFlow and CNN-based architectures for real-time disease classification under 2 seconds per image.
- Developed a web-based dashboard for farmers and researchers, enabling instant disease identification and treatment recommendations, reducing diagnosis time by 70%.

### Student Management API with DevOps Pipeline

Mar 2025 – Apr 2025

[Spring Boot, Jenkins, Maven, Linux, Docker]

- Built a Jenkins-based CI/CD pipeline that reduced deployment time by 70%, executing 50+ automated builds with integrated JUnit tests achieving 95% code coverage.
- Dockerized the Spring Boot app, slashing environment setup time from 2 hours to under 5 minutes and enabling seamless deployment across 3+ OS environments.
- Leveraged Maven for dependency management, reducing build failures by 40%.

### Imovies: Movie Ticket Booking System

Feb 2023 – Apr 2024

[HTML, CSS, Javascript, React.js, MongoDB, Node.js, Express.js, RestAPI, Postman]

- Developed full-stack movie ticket platform using React.js for frontend and Node.js/Express REST API.
- Implemented MongoDB for database operations including user profiles, movie listings, and booking transactions.
- Created admin dashboard for theater management and user booking history tracking.

## Achievements

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Qualified for C0C0n's Cyber Security Hackathon 2023

Solved 100+ Data Structures and Algorithms problems on LeetCode and GFG.

## Certifications

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SmartBridge: Fullstack Web Development (MERN) with MongoDB

IBM: DevOps

NPTEL's Cloud Computing

NPTEL's Marketing Analytics

## Extra-Curricular Activities

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### Open-Source Club

Feb 2024 – Present

Team Lead: Full stack Web Development

•Leading a web development team, where we build open-source solutions for local nonprofits—mentoring junior developers while shipping 3 projects this semester.