

Manan Kansagara

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Education

VIT Bhopal University

BTech

Major in Computer Science

Cumulative GPA: 8.45/10

Bhopal, Madhya Pradesh

Expected May 2026

Skills

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

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%.

GraphiLock

Feb 2023 – Apr 2024

[HTML, CSS, Javascript, MongoDB, Node.js]

- Developed a graphical password system that blocked 95% of unauthorized access and cut guessing attacks by 80%.
- Designed an intuitive UI with a 3-step authentication process that reduced login time by 40% compared to traditional text-based passwords.
- Built with HTML, CSS, Javascript, Node.js and MongoDB for cross-platform access and secure credential encryption.

Achievements

Qualified for C0C0n's Cyber Security Hackathon 2023

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

Certifications

SmartBridge: Fullstack Web Development (MERN) with MongoDB

IBM: DevOps

NPTEL's Cloud Computing

NPTEL's Marketing Analytics

Extra-Curricular Activities

Open-Source Club

Feb 2024 – Present

Team Lead: Finance

- Led the Finance team at the Open-Source Club, managing budgets, optimizing resource allocation, and securing funding for tech initiatives.