

SUDARSHAN KOLHE

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EDUCATION

B-tech in Artificial Intelligence and Data Science, VIIT

Expected 2026

CGPA: 8.57

Diploma in Computer Engineering, Government Polytechnic, Pune

2020 - 2023

Percentage: 81.67

WORK EXPERIENCE

Web Developer Intern

July 2022 – August 2022

Maestro Intellect

Pune, Maharashtra

- Built the frontend of a Library Management System using HTML, CSS, and JavaScript used by 100+ students, reducing book search time and improving access to account info.
- Gained practical experience in frontend development by creating user-friendly pages for students.

TECHNICAL PROJECTS

AgriSense AI – Crop Disease Detection And Recommendation Platform

- Developed a web-based platform using CNNs for real-time plant disease detection with over 90% accuracy.
- Recommended crops based on weather conditions using machine learning and historical agricultural data.
- Designed a multilingual interface to make the platform accessible to non-technical users.

StayEase – Vacation Booking Web Application

- Built a full-stack booking app inspired by Airbnb, with a clean UI and dynamic property listings.
- Used Node.js, Express, MongoDB, and EJS with RESTful APIs and session handling for smooth functionality.
- Integrated user authentication, property management, and seamless reservation workflows.

Adaptive Traffic Management

- Constructed an intelligent traffic control system that adjusted signal timings based on real-time vehicle flow.
- Optimized traffic efficiency and safety using data-driven logic to reduce congestion and prioritize critical routes.

TECHNICAL SKILLS

Programming Languages

C/C++, Java, Python, JavaScript

Framework/ Technologies/ Tools

VS Code, Git, GitHub, Figma, Postman, REST APIs, Node.js, Express

FrontEnd

HTML, CSS, Bootstrap

Database

SQL, MongoDB

Coursework

Data Structures and Algorithms, Object-Oriented Programming, DBMS

CERTIFICATIONS

• **IBM Full Stack Software Developer – Coursera**

Gained practical experience in full-stack development using HTML, CSS, JavaScript, React, Node.js, and Git.

ACHIEVEMENTS

- Secured 3rd place in the Innovative Project Competition at JSPM Engineering College, Pune, for the **Adaptive Traffic Management System**.