

Shubham Sura

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SUMMARY

I'm a Computer Science student with a focus on Artificial Intelligence and Machine Learning. I've worked on projects in machine learning, full-stack web development, and embedded systems, which helped me get hands-on experience with both software and hardware. I'm comfortable working with Python, Java, C++, and modern web technologies, and I enjoy solving practical problems by building useful tech solutions. I'm now looking for an internship opportunity where I can contribute, keep learning new skills, and understand how large-scale systems are built in the industry.

TECHNICAL SKILLS

Key Skills: Data Structures & Algorithms (DSA), Object-Oriented Programming (OOP), Problem Solving, Debugging

Programming Languages: Java, C++, Python, SQL

Web & Database Technologies: HTML, CSS, JavaScript, MongoDB, React, NodeJS

Cloud & Tools: Cloud Computing(Azure,AWS), Git, GitHub

PROJECTS

Cabin Connect – Smart Admin Dashboard

Apr 2025

WebDevelopment Project

Html, CSS, JavaScript, React.js, Tailwind

- Built a web app that lets students check if faculty are available in their cabins
- The live status updates were done using React Hooks to create a smoother and more intuitive user experience
- Helped reduce unnecessary visit to faculty cabin and improve student faculty communication

Automatic Toll Gate System using Arduino Uno

Aug 2024

IoT and Embedded Systems Project

Arduino Uno, C++, IR Sensor, Ultrasonic Sensor, Servo Motor

- Created an automated toll gate system simulating a real-world IoT application using Arduino Uno
- Used IR and ultrasonic sensors to detect vehicles and control the gate with a servo motor
- Displayed real-time status on an LCD screen, reducing manual intervention and improving toll management efficiency

VanOla – Real-Time College Van Tracking System

In Progress

Web Development Project

React.js, Tailwind CSS, Leaflet.js, HTML, JavaScript

- Designed a responsive, mobile-friendly interface that allows students to track their van's location in real time
- Enabled live location sharing using Leaflet and browser geolocation APIs to reduce student wait time
- Focused on making the interface simple and student-friendly to improve commute

EDUCATION

Vellore Institute of Technology

Bhopal, India

B.Tech in Computer Science Engineering (AIML)

May 2027

Takshila International School

Jind, India

CBSE (Class XII)

2022

G.R Global Academy

Jaipur, India

CBSE (Class X)

2020

CERTIFICATIONS

- Fundamentals of AI and ML – Vityarthi VIT Bhopal
- IBM Certificate – GEN AI using IBM Watsonx
- Python Essentials – Vityarthi VIT Bhopal
- Advanced Drone Technology (Air Taxi) Workshop – India Space Lab India Space Week