Shubham Sura

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SUMMARY

I am a Computer Science student interested in AI/ML and building real-world tech solutions. I have worked on projects involving machine learning, full-stack web development, and embedded systems. I am comfortable working with Python, Java, HTML, CSS, JavaScript, Git, and GitHub. I enjoy learning, especially when solving practical and real world problems. I'm looking to join a team where I can put my skills to use, keep learning new technologies, and get real industry experience.

TECHNICAL SKILLS

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

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

Libraries & Tools:Git, GitHub

PROJECTS

Cabin Connect – Smart Admin Dashboard   April 2025 – Present
WebDevelopment Project   *Html, CSS, JavaScript, React.js, Tailwind*
- I built a web app to help students easily 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
- It reduces unnecessary visit to faculty cabin and improve student faculty communication

Automatic Toll Gate System using Arduino Uno   August 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
- Integrated IR sensors and ultrasonic sensors to detect vehicle presence and automate gate control via 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   UnderDevelopment
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
- Designed a user-focused experience to make commute planning easier and improve transport efficiency

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

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