

# SHUBHAM SINGH

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## EDUCATION

Bachelor of Science (Statistics)

Masters in Information technology -Ongoing

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## PROJECTS

### VidQuire – QnA with Videos and Books (ongoing)

VidQuire is an innovative project designed to assist students in interacting with educational videos and books effectively. VidQuire will facilitates communication and knowledge extraction from videos and books . Students can use this app to ask question , seek clarification , and navigate to relevant section of the video content.

### MediLeaf - Plant Identification Web App [Link](#)

I developed a progressive web app (PWA) using React.js and Firebase, integrating TensorFlow.js . This application enables users to identify plants through image . The AI model, built with Convolutional Neural Networks (CNN), accurately identifies plants and provides information about their medicinal properties. Notably, the app supports information in Hindi and Gujarati

### IoT-based Display Board for Department of Computer Applications, MSU Baroda

Developed a comprehensive IoT solution using ESP32 microcontroller and P10 LED display board to create an interactive display system for the Department of Computer Applications at MSU Baroda. The system allows administrators to remotely set and update messages on the LED display through a user-friendly web interface.

### E-commerce PC Parts Website [Link](#)

Developed an e-commerce platform for selling PC parts. The website, built using React.js

### Movies App with IMDb API [Link](#)

Build using React.js web app utilizing the IMDb API, showcasing trending movies. Users can explore, search, and filter films by genre. Features include the ability to add favorites with local storage and pagination for effortless navigation.

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## SKILLS

- HTML , CSS , JavaScript , React Js
- SQL , Nosql , VectorDb
- Arduino
- Firebase
- Node.js
- Aws , Cloudfare
- Python , R-programming , Java
- Machine Learning (Modelling) , Sklearn
- Deep learning (ANN , CNN , RNN)