

# NAMAN JAIN

AI/ML ENTHUSIAST || WEB DEVELOPER



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[github.com/self-nasu](https://github.com/self-nasu)



Udaipur, Rajasthan.

## About Me

AI/ML enthusiast mastering Python, TensorFlow, and Scikit-learn while pursuing MCA from SPSU, Udaipur. Proficient in web development with HTML5, CSS, Bootstrap, and JavaScript. Published author on "AI applications" in mathematics and "Machine learning for school dropout prediction". Eager to apply skills in AI/ML to real-world projects.

## Projects

### HandFlow - Home Automation Using Hand Gesture

Implemented a real-time hand gesture recognition system for home automation, utilizing an ESP32 microcontroller and a custom model 'HandFlow' based on Google MediaPipe. Users control electronic devices through gestures via a web interface, with signals transmitted to Firebase and actions executed by the ESP32.

### Dropout Rate Factor Identification - Smart India Hackathon

Our proposed solution aims to address the critical issue of high dropout rates in schools across Gujarat. We have developed an ML-powered solution that can predict dropout rates and recommend targeted interventions to reduce dropout rates effectively.

## Experience

### 2023 Code Clause - Web Developer Intern

My internship at Code Clause was a dynamic learning journey, immersing me in HTML, Firebase, CSS, Bootstrap, and JavaScript, and fostering both enjoyment and education.

## Education

### 2023-2025

SPSU, Udaipur

### MCA - AI/ML

MCA from SPSU, Udaipur, specializing in AI/ML for advanced career readiness. Actively involved in the IoT club and led the Tech Team in the Smart India Hackathon.

### 2020-2023

MLSU, Udaipur

### BCA

BCA graduate with expertise in web technology and a portfolio of projects showcased on GitHub. Topped BCA within the entire Tesil region. Excels in web development and committed to continuous learning.

### Skills

Web Development

Scikit-Learn

TensorFlow

Rapid Miner

Python

MySQL || MongoDB

### Activities Hobbies

NCC

NSS

IoT Club

Blender3D

Animation

### Languages

Hindi

English

Gujrati

### Preferable IDE

Collab

Jupyter

VS code