

Sanskruti Joshi

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EDUCATION

Savitribai Phule Pune University (SPPU)

MSc in Data Science

Advanced Course in Data Science & AI [GPA: 8.6/10]

Ganeshkhind, Pune

Graduation Date: 2026

Graduation Date: Jun 2025

Modern College (SPPU)

BSc in Computer Science [GPA: 9.6/10]

Ganeshkhind, Pune

Graduation Date: Apr 2024

Sinhgad Spring Dale Public School

HSC [GPA: 9.7/10]

SSC [GPA: 9.4/10]

Vadgaon, Pune

Graduation Date: Jul 2021

Graduation Date: May 2019

PROJECT EXPERIENCE

Academic

Project Lead / Developer

- Handwritten Digit Recognition using CNN: Developed a convolutional neural network to recognize handwritten digits with high accuracy.
- AI-based Fake Account Identifier: Built a machine learning system to detect bot-created profiles, integrating both frontend and backend components.
- Automatic Pothole Detector: Led a team to create a working prototype that senses road damage using image processing and IoT sensors.
- Clone of Pinterest website using Django: Designed and implemented a full-stack web application replicating Pinterest's core features.
- IoT-based Automated Goods Handling: Developed an IoT solution for automating goods handling processes.
- Portfolio: Created a personal portfolio website to showcase projects and skills.

LEADERSHIP EXPERIENCE

College Events

Volunteer / Team Leader

- Team Leader for Automatic Pothole Detector project, managing a team to deliver a working prototype.
- Volunteer in NAAC as department representative.
- Volunteer in Interaction, an intercollege event.

SKILLS & INTERESTS

Skills: Programming Languages: Python, R, Java, C, C++, JavaScript, SQL, PHP;

Data Science: Machine Learning, Deep Learning, TensorFlow, Keras, matplotlib, seaborn, Scikit-learn, Numpy, Pandas, OpenCV, Model Evaluation, Feature Engineering;

Web Development: Django, Flask, HTML5, CSS3, Bootstrap, XML;

Data Tools: Jupyter Notebook, RStudio, Anaconda, ggplot2, dplyr;

Tools & Platforms: Git, GitHub, Eclipse, VS Code, Google Colab

Interests: Data-driven research, Machine Learning, Web Development, IoT, Problem Solving, Innovation