

# Rohan Jangamwar

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## Technical Skills

- **Programming Languages:** Python, SQL
- **Databases:** MySQL
- **Developer Tools:** VS Code, LaTeX, Jupyter Notebook

## Internship

### AVBRH Hospital, Wardha

May 2024

In May 2024, during my internship at AVBRH Hospital, I saw that a nurse had to take care of up to 30 patients at once, which was a lot to handle. I suggested using machine learning to create a patient monitoring system that could help reduce the workload on nurses and improve patient care. It was a great learning experience and showed me how technology can make a real difference in healthcare.

## Education

### Datta Meghe Institute of Higher Education and Research (Deemed to Be University)

CGPA: 7.9/10

Bachelor of Technology in Artificial Intelligence and Data Science

### Relevant Coursework

Object-Oriented Programming, Databases, Data Visualization, Data Structures and Algorithms, Operating Systems, Computer Networks, Statistical Foundations and Machine Learning, Python for Machine Learning, Digital Image Processing.

## Projects

### Deep Learning Model for Detection of Abdominal Diseases using Radiological Images

2024

- Designed and implemented a deep learning-based system for the automated detection of abdominal diseases using radiological images, enhancing diagnostic accuracy.
- Developed a convolutional neural network (CNN) model to analyze medical images and classify conditions with high precision.

### Cloud-Point: - APIs based Weather Forecasting and prediction Application - ([Github](#))

2024

- Designed and developed an API based application that provides real-time weather forecasting and prediction using APIs.
- Integrated multiple weather data sources to enhance accuracy and deliver location-specific forecasts.

### Netflix Customer Churn Prediction using Machine Learning - ([Github](#))

2025

- Developed a machine learning-based model to predict customer churn for Netflix, helping to identify at-risk users.
- Utilized historical user engagement data, viewing patterns, and subscription history to build predictive models

## Publications

- Development of Deep Learning Model for Detection of Abdominal Diseases using Radiological Images (co-author ) 2024

## Certifications

- Programming for Everybody (Getting Started with Python) - Coursera
- IBM Full Stack Software Developer - Coursera
- Foundations of Cyber Security - Coursera
- Python Functions, Files, and Dictionaries - Coursera
- Data mining of Clinical Databases - Coursera
- Linux Fundamentals - RedHat