

# SOHAM MHATRE



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Pune

## PROFILE

Data-driven problem solver with a strong focus on turning complex information into clear insights. Experienced in building models, exploring data patterns, and creating simple explanations that help teams make smart choices. Enjoys blending logic with curiosity to find what truly matters in the numbers.

## EDUCATION

- **CHHATRAPATI SHIVAJI MAHARAJ UNIVERSITY**  
*BCA (Bachelor of Computer Applications)*  
2021-2024  
Shedung,Panvel,Maharashtra
- **PES MODERN COLLEGE OF ENGINEERING**  
*MCA (Master of Computer Applications)*  
2024-2026  
Shivajinagar,Pune,Maharashtra

## PROJECTS

- **WEATHER FORECAST & PREDICTION**
  - Built a weather forecast prediction web application using machine learning algorithms (regression/time series models) implemented in Python with Flask.
  - Designed a user-friendly interface using HTML/CSS and integrated an SQLite database for storing and retrieving forecast data.
  - The system enables users to input queries and receive AI-driven weather predictions through a responsive web interface.
- **CANCER DETECTION**
  - Developed a deep learning-based cancer detection web application using Convolutional Neural Networks (CNN) for image classification.
  - Implemented backend with Python (Flask) and integrated databases, while designing frontend with HTML/CSS for user interaction.
  - The system enables users to upload medical images and receive AI-driven diagnostic predictions in real time.

## TECHNICAL SKILLS

- Python
- SQL
- PowerBI
- Excel
- Tableau

## SOFT SKILLS

- PROBLEM-SOLVING
- ANALYTICAL THINKING
- TIME MANAGEMENT
- ADAPTABILITY

## LANGUAGE

- English
- Marathi
- Hindi