

# Adarsh Bhoutekar

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[GitHub](#) | [LinkedIn](#) | [Codolio](#) | [Portfolio](#)

## Summary

Motivated B.Tech student specializing in Artificial Intelligence and Machine Learning with hands-on experience in Python, data analysis, and basic machine learning models. Passionate about solving real-world problems using data-driven techniques and continuously improving technical skills through projects and self-learning. Seeking opportunities to gain practical industry exposure.

## Education

**B.Tech in Computer Science and Engineering (AI & ML)** 2023 – 2027

Shri Ramdeobaba College of Engineering and Management, Nagpur, India

GPA: 7.77

**Relevant Coursework:** Data Structures, Machine Learning, Artificial Intelligence, Algorithms, Software Engineering, Mathematics for AI

**Class XII (HSC):** 69.33%    **Class X (SSC):** 87.40%

## Projects

### SegreSmart Waste Classifier

[Live](#)

- Developed an AI-powered waste classification web application using image-based machine learning
- Implemented an image classification pipeline to identify waste categories from uploaded or captured images
- Designed a user-friendly web interface supporting image upload,

### Movie Recommendation System

[GitHub](#) | [Live](#)

- Built a content-based movie recommendation system using cosine similarity
- Performed data preprocessing and feature engineering on movie metadata
- Implemented using Python, Pandas, and Scikit-learn

### Carbon Footprint Calculator

[GitHub](#) | [Live](#)

- Developed a web-based application to calculate carbon emissions from daily activities
- Suggested eco-friendly alternatives based on calculated emissions
- Deployed live using GitHub Pages and integrated into a personal portfolio

## Certifications

- **Introduction to Generative AI** — Google Cloud
- **Database Structures and Management with MySQL** — IBM
- **Data Structures and Algorithms (DSA) in C++**
- **Python Basics** — Coursera

## Technical Skills

**Languages :** Python, Java, C/C++, SQL  
**Machine Learning :** TensorFlow, Keras, NumPy, Scikit-learn, Pandas  
**Web Development :** HTML, CSS, JavaScript, React  
**Other :** Git, Jupyter, Google Colab, Docker (Beginner)