

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

 | 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

 | 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)