ADARSH R SHENOY

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Github | LinkedIn

ABOUT ME

I'm a Robotics and AI Engineering student (CGPA: 8.72) from NMAM Institute of Technology with strong skills in Python, SQL, and Machine Learning. My focus is on solving real-world problems through predictive modelling and scalable AI systems.

I've built hands-on projects in Robotics and AI/ML, including "Flight customer satisfaction system", applying deep learning and automation to practical domains.

I aim to grow as an AI engineer, with a deep interest in automation, intelligent system design, and realworld impact through data-driven solutions.

SKILLS AND ABILITIES

Programming

Python | Java | JavaScript

Machine Learning

Numpy | Pandas | Matplotlib | Seaborn | Scikit-Learn | Deep Learning | MySQL | Object Oriented Programming | Natural Language Processing [NLP]

Web development

HTML | CSS | PHP

Tools

Linux | Git | Jupyter Notebook | JSON | Postman | Streamlit

Language(s)

Konkani | English | Hindi | German

EXPERIENCE

GLADWELL ACADEMY INDIA PRIVATE LIMITED – BANGALORE, INDIA   12.24-04.25

Assisting in AIML research projects with focus on problem-solving, model optimization, and exploratory analysis. Gained exposure to real-world applications of ML algorithms, while contributing to code and research discussions under direct mentorship.

EDUCATION

NMAM Institute of Technology   **2022-2026**

B.Tech in Robotics & Artificial Intelligence

Bachelor in Robotics &Artificial Intelligence with specialization in Artificial Intelligence and strong academic background of 8.72 CGPA

PROJECTS

LunarisAI

LunarisAI is a menstrual cycle prediction assistant that uses machine learning to estimate the next period date based on personal health and cycle data. Built with RF Regressor and deployed via Streamlit, LunarisAI adapts to user inputs like stress, PCOS, and birth control usage to provide personalized predictions with uncertainty windows.. Link

Flight Customer Satisfaction System

Built a logistic regression model to predict **customer satisfaction levels** based on post-flight feedback. The model analyses factors such as service quality, seat comfort, and overall flight experience to classify customers as satisfied or dissatisfied. Achieved an **accuracy** of **76-80%**. This project combines predictive analytics with the potential for personalized service recommendations, enabling better-targeted improvements in customer experience. Link

House price prediction using ML

Developed a machine learning model to **predict house prices in Bangalore**. This project allowed me to build a real time ML predictive model, which can be highly valuable for small-scale businesses in the real estate sector. The model achieved an **accuracy** of **83-86%**, making it a reliable tool for **estimating property values**. Link

AI-NPC Interaction Engine A modular Python engine simulating intelligent NPC

interactions using OOP and ML. Integrates intent classification, emotion-aware

responses, and battle mechanics. **Link**

Direct kinematics for robots

A **mathematical tool** for calculating direct **kinematics of robot**. These projects aim for those who wants to check the robot position and orientation in robotic environment. Link

Book store website

This is a **full-stack development** project currently under development. Aim is to build **a fully functional book store website** with new features. Link .

Upcoming projects

CerebAI (AI based Stroke detection system).