

# Shraddha Bera

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## Education

### Kalinga Institute of Industrial Technology

Bachelor of Technology in Computer Science and Communication Engineering (CGPA: 9.32 / 10.00)

Expected May 2026

Bhubaneswar, Odisha

### St. Antony's Public School

12th Grade(CGPA:8.88/10.00)

March 2022

Anakkal,Kerala

### Mehernosh Boman Burjor Irani Educational Academy

10th Grade(CGPA:10.00/10.00)

March 2020

Vevaji,Maharashtra

## Experience

- Conducting research on smartphone data to predict bipolar disorder episodes using behavioral and contextual analysis.
- Developed robotics systems with hands-on experience on datasets, Kaggle competitions, and Python; enhanced skills in NLP, prompt engineering, and ML.
- Attended the GeeksforGeeks Open AI Webinar; gained expertise in Discord server management, chatbot development, and AI fundamentals.

## Projects

### Sticky Notes App | HTML, CSS, JavaScript

2022

- Developed a digital Sticky Notes web application for organizing tasks and reminders with a user-friendly interface, incorporating features for creating, editing, deleting, and color-coding notes for a personalized experience.
- Designed and implemented drag-and-drop functionality for flexible note positioning on the screen.
- Utilized HTML, CSS, and JavaScript for the frontend, with options for persistent storage via localStorage or backend integration.

### California Housing Prices Model | Python, Pandas, Matplotlib, Scikit-learn, Numpy

2023

- Built a predictive model to estimate housing prices in California using both statistical and machine learning techniques.
- Explored and preprocessed the dataset to ensure data quality, applying feature engineering for improved predictions.
- Implemented and evaluated multiple regression models, achieving a high R-squared value (approximately 0.80–0.90) and a low Mean Squared Error (around 0.30).

### ATM Management System | Java, JFrame, MySQL

2024

- Engineered an ATM Management System using Java, featuring a graphical user interface built with JFrame and robust database management with MySQL.
- Implemented core functionalities including user authentication with PIN verification and secure transaction processing.
- Developed comprehensive account management features, enabling balance inquiry, deposit, and withdrawal operations for smooth user interaction.

## Technical Skills

**Languages:** C, Java, Python, HTML, CSS, JavaScript, Perl

**Technologies:** Pandas, Scikit-learn, Numpy, Matplotlib, Linux Kernel Development, MySQL

**Tools:** Git, Bash, GitHub, Jupyter Notebook, VS Code

**Concepts:** Operating System, OOPS, Information Security, Computational Intelligence, Machine Learning, Data Science and Analytics, Data Structures, DBMS, Computer Networks, Blockchain, Software Engineering

## Soft Skills

- Languages: English, Hindi, Marathi, Bengali, Gujarati, Japanese
- Multitasking
- Time Management
- Communication