

# Shraddha Bera

+91 8160042798

sbera9775@gmail.com

linkedin.com/in/shraddha-bera-653043333/

github.com/Shraddhabera

## 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

- Working on a research paper focused on analyzing behavioral and contextual insights derived from smartphone data to predict episodes of bipolar disorder.
- Competed in the prestigious Smart India Hackathon under the theme 'Virtual Court' contributing innovative solutions to real-world problems.
- Participated in developing and programming robotics systems, gaining hands-on experience with datasets, Kaggle competitions, and Python programming. Developed expertise in Natural Language Processing (NLP), prompt engineering, and core Machine Learning (ML) concepts while contributing to team projects focused on automation and robotics solutions.
- Attended the GeeksforGeeks Open AI Webinar. Acquired skills in setting up and managing Discord servers for community engagement. Developed a strong understanding of chatbot development and artificial intelligence fundamentals while engaging with industry experts and peers to explore emerging trends in AI and ML.

## Projects

### Sticky Notes App | HTML, CSS, JavaScript, LocalStorage/Backend Integration

2022

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

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

2023

- Built a predictive model to estimate housing prices in California using statistical and machine learning techniques.
- Explored and preprocessed the dataset to ensure data quality and applied feature engineering for improved predictions.
- Implemented and evaluated multiple regression models, achieving a high R-squared value ( 0.80 - 0.90) and a low Mean Squared Error (MSE 0.30).
- GitHub: California Housing Price Prediction Repository

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

2024

- Engineered an ATM Management System using Java with JFrame for the GUI and MySQL for the database.
- Implemented core functionalities including user authentication using PIN verification and secure transaction processing.
- Developed features for account management, enabling operations such as balance inquiry, deposit, and withdrawal.
- Ensured smooth user interaction through a graphical interface built with JFrame and efficient data management using MySQL.
- GitHub: ATM Management System Repository

## Technical Skills

---

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

**Technologies:**Pandas, Scikit-learn, Numpy, Matplotlib

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

## Soft Skills

---

- Languages: English, Hindi, Marathi, Bengali, Gujarati, Japanese
- Ability to Multitask
- Effective Time Management
- Communication Skills