

Shraddha Bera

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<https://github.com/blank-killer>

Education

Kalinga Institute of Industrial Technology

Expected May 2026

Bachelor of Technology in Computer Science and Communication Engineering (CGPA: 9.31 / 10.00)Bhubaneshwar, Maharashtra

- **Relevant Coursework:** Data Structures and Algorithms (C), Computational Intelligence(ANN), Data Science and Analytics(Python), Design and Analysis of Algorithms(C)

Experience

- In 2023, I participated in the Smart India Hackathon, where I successfully implemented a virtual court system designed to facilitate legal proceedings online. This project aimed to streamline the judicial process, making it more accessible and efficient for people. Key features of the virtual court included real-time video conferencing for court sessions, secure document sharing and management, digital evidence presentation, and an integrated scheduling system to manage case hearings.
- Working on a research paper focused on analyzing behavioral and contextual insights derived from smartphone data to predict episodes of bipolar disorder. This study aims to identify patterns and indicators within the data that can serve as early warning signs for mood swings and other symptoms associated with bipolar disorder.

Projects

Online Movie Ticket Booking System | Python, SQL Query, CSV files

- Designed and implemented an online platform for booking movie tickets, providing a seamless user experience from browsing movies to completing ticket purchases.
- Created detailed system architecture and database design to ensure scalability and efficiency.

Iris Detection | Python, Pandas, Matplotlib, Scikit-learn, Logistic Regression

- Developed a sophisticated iris detection and recognition system using Python, aimed at enhancing security and authentication processes.
- Achieved high accuracy in iris detection, significantly improving the reliability of the system.

Technical Skills

Languages: C, Java, Python, SQL

Technologies: Pandas, Scikit-learn, Numpy, Matplotlib

Concepts: Operating System, Virtual Memory, Cache Memory, Information Security, Computational Intelligence, Machine Learning, Data Science and Analytics

Soft Skills

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