**Ishwari Deshmukh**

Motivated and results-driven professional with a solid foundation in optimizing processes and driving efficiency. Passionate about leveraging innovative solutions to deliver impactful results. Actively seeking entry-level opportunities to contribute to organizational growth, apply my skills, and embark on a successful career journey.

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**PROFILE** Dedicated **Data Science Professional** with **1 year of comprehensive training** and a strong foundation in **Artificial Intelligence and Machine Learning**. Skilled in data-driven problem-solving, project execution, and proficient in tools and libraries such as **Python, NumPy, Pandas, Matplotlib, Seaborn, Scikit-learn, NLTK, and Regex.** Passionate about leveraging data to develop efficient and practical AI solutions. **JLPT N5 certified, showcasing foundational proficiency in Japanese.**

**EDUCATION B.Tech in Computer Engineering.** Sanjivani College of Engineering, Kopargaon. **HSC:** 64.48% **SSC:** 88.40%

**SKILLS** **Programming Languages:** Python, C, C++  **Data Science Libraries:** NumPy, Pandas, Matplotlib, Seaborn, Scikit-learn, NLTK, Regex  **Data Handling & Analysis:** Data Cleaning, Data Visualization, Statistical Analysis  **Machine Learning:** Supervised & Unsupervised Learning, Model Training & Evaluation  **Database Management:** MySQL, PostgreSQL.  
 **Soft Skills:** Problem-Solving, Critical Thinking, Team Collaboration, Project Management.

**PROJECTS  
1.Movie Recommendation System using ML** **Description:** In this project, I developed a content-based movie recommendation system using Python and Pandas. The goal was to recommend movies based on their similarity to a given movie.  **Concepts Used:** Content-Based Filtering, NLP, Vectorization, Cosine Similarity.  **Outcome:** Created a working recommendation function that returns the top 5 most similar movies using cosine similarity on processed metadata.

**2. Digit Recommendation System**  **Description:** Developed a digit classification system using Convolutional Neural Networks (CNN) with the MNIST dataset, incorporating image preprocessing techniques.  **Accuracy:** Achieved 98.14% test accuracy.  **Outcome:** Gained hands-on experience in CNNs, image preprocessing, and model deployment with Flask.

**INTERNSHIP AI Genius LLP,Chhatrapati Sambajinagar**  Ongoing(2025)  **Conversational AI** Developed a Conversational AI system for dynamic speaker identification in Marathi language audio. The project focused on accurately segmenting and labeling overlapping speech in real-time, addressing challenges in low resource and multilingual settings such as interviews, conversations, and call recordings.