

Gaurav Salve

9209138097 | gauravsalve2806@gmail.com | linkedin.com/in/gaurav-salve-634489307
| github.com/gauravsalve206

EDUCATION

Vishwakarma Institute of Technology <i>Bachelor of Technology in Computer Science (AI&ML)</i>	Bibwewadi, Pune Oct. 2025 – May 2028
Shree Ramchandra College of Engineering <i>Diploma in Computer Science</i>	Pune Sept. 2022 – May 2025

EXPERIENCE

(Fresher)

PROJECTS

Indian Sign Language (ISL) Recognition & Translation System | Python, TensorFlow, MediaPipe, FastAPI, WebSockets, JavaScript

January 2026 – Present

- Developed an end-to-end **real-time ISL recognition and translation system** enabling communication between sign language users and non-signers.
- Implemented **landmark-based gesture recognition** using MediaPipe (hands, face, pose) and an **LSTM neural network** for temporal sequence modeling.
- Built a **FastAPI backend** with WebSocket support for low-latency real-time inference from webcam streams.
- Designed a responsive web interface supporting **sign-to-text, text-to-sign, and speech-to-sign translation** using animated GIFs.

Movie Recommendation System | Python, Pandas, NumPy, TensorFlow, scikit-learn

December 2025

- Built a **content-based movie recommendation system** that suggests the **top 5 similar movies** based on a user-selected title.
- Processed and analyzed the **TMDB 5000 Movies dataset (Kaggle)** using Pandas and NumPy for feature extraction.
- Implemented similarity modeling to compute movie-to-movie relationships and generate recommendations.
- Integrated the recommendation engine into a web interface allowing users to interactively explore movie suggestions.

YummyVerse – Recipe Finder Website | HTML, CSS, JavaScript, MealDB API

Diploma Final Year – 2024

- Developed **YummyVerse**, a recipe finder web application designed to help bachelors discover quick and affordable meals.
- Integrated the **MealDB API** to dynamically fetch recipes, ingredients, and cooking instructions.
- Built a clean, responsive frontend using **HTML, CSS, and JavaScript** with a focus on usability.
- Strengthened skills in **API integration, frontend logic, and user-centric web design** through real-world implementation.

TECHNICAL SKILLS

Languages: Java, Python, C/C++, SQL (Postgres), JavaScript, HTML/CSS, R

Frameworks: React, Node.js, Flask, JUnit, WordPress, Material-UI, FastAPI

Developer Tools: Git, Docker, TravisCI, Google Cloud Platform, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse

Libraries: pandas, NumPy, Matplotlib