

Shrikant Ambatkar

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Educacion

Ballarpur Institute of Technology

Bachelor of Science in Computer Science

2022 - 2026

Ballarpur, Maharashtra

Profile summery

- Proficient in front-end development technologies, including **HTML, CSS, JavaScript, React**, and **SQL**.
- Skilled in solving **Data Structures and Algorithms (DSA)** problems, with hands-on practice to improve problem-solving abilities.
- Experienced in handling **APIs**, with a solid understanding of **DBMS** concepts and **SQL**.
- Currently a beginner in **Machine Learning**, applying it to real-world challenges for college mini-projects.

Technical Skill

Languages: C, HTML/CSS, JavaScript, React, Tailwind CSS, SQL, Java, python MySQL.

Developer Tools: VS Code, Eclipse, Google Cloud Platform, Arduino.

Technologies/Frameworks: Git, GitHub, TensorFlow/Keras, flask.

Projects

1. Chatbot Using OpenAI API

- Developed a smart chatbot capable of responding to user queries with human-like text responses by integrating **OpenAI's GPT API**.
- Designed an interactive, responsive user interface using **React**, improving user experience with dynamic features.
- Implemented a **Flask-based backend** to handle API requests and manage conversation logic.
- Focused on clean API handling, asynchronous operations, and optimized routing.
- **Technologies Used:** React, Python, Flask, REST API, OpenAI API

2. Lumpy Skin Disease Detection in Cattle

- Built an image processing-based solution to identify **Lumpy Skin Disease (LSD)** in cattle, assisting farmers with early diagnosis.
- Developed an intuitive web interface for easy image uploads and analysis reports.
- Utilized **OpenCV and TensorFlow/Keras models** for image preprocessing and disease detection.
- Ensured a seamless user experience through a responsive front end built with web technologies.
- **Technologies Used:** Python, Flask, OpenCV, TensorFlow/Keras, HTML, CSS, JavaScript

Achievements

- Achieved **4th position in a college quiz competition**, showcasing strong general knowledge and competitive spirit.
- Actively participated in various **college events** to develop teamwork and organizational skills.

Certifications:

- **Java DSA** certification from Apna College
- **Data Visualisation** internship by TATA group.
- **Developer and Technology** job simulation by Accenture .