Sahil Aglawe

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Eduction

Ballarpur Institute Of Technology   **Ballarpur, Maharashtra**
B.Tech in Computer Science   Expected Graduation,May2026
CGPA : 7.3

Profile Summary

Targeting **Full Stack Developer** roles with an organization of high repute with a scope of improving knowledge and further career growth.

- Full Stack Developer skilled in **React, Node.js, Express, MongoDB, and MySQL**, with experience in building scalable web applications.
- Proficient in **RESTful API development, database management, and full-cycle project deployment**.
- **Beginner in Data Structures & Algorithms (DSA)** with a keen interest in improving problem-solving skills and optimizing code efficiency.
- Beginner in **Machine Learning** with a keen interest in **algorithms, data preprocessing, and model evaluation**.

Achievements

Blind C Competition 2024-25:
- Finalist of **Blind C Coding** organized by **CESA Department of Computer Engineering** at **Ballarpur Institute of Technology**.

Certifications:
- **Data Visualisation** internship by **TATA** group.
- **Developer and Technology** job simulation by **Accenture** .
- Certification of completion (**DSA With Java**) from **Apna College**.

Skills

Programming: C/C++, HTML/CSS, Tailwind CSS, JavaScript, React.js, Node.js, Express.js, MongoDB, SQL, MySQL, Java Basics, Python, OpenCV, TensorFlow.
Tools: Git/Github, Vs Code, Leetcode, Postman, GFG , MongoDB Atlas

Projects

Lumpy Skin Disease Detection in Cattle
- **Developed an Image-Based Detection System** – Designed and implemented an image processing model to detect Lumpy Skin Disease (LSD) in cattle using deep learning techniques like CNN.
- **Data Collection and Preprocessing** – Collected and annotated a dataset of cattle images, applied techniques like image augmentation and noise reduction for enhanced model accuracy.
- **Machine Learning Model Implementation** – Trained and optimized classification models using Python, OpenCV, and TensorFlow, achieving high accuracy in disease detection.
- **Real-World Impact and Deployment** – Integrated the model into a user-friendly web interface, enabling farmers and veterinarians to detect lumpy disease early, reducing economic losses.

ProjectArena
- **Designed and Development** – Created a GitHub-hosted website using HTML5, CSS, and JavaScript, featuring 15 interactive mini-projects for beginners.
- **Hands-on JavaScript Learning Platform** – Built diverse projects covering DOM manipulation, event handling, and API integration to help learners grasp core JavaScript concepts.

- **Enhanced Learning Through Practical Implementation** – Focused on real-world JavaScript applications, enabling beginners to strengthen their coding skills through hands-on projects.