SAIRAJ PAWAR

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OBJECTIVE

Aspiring Software Engineer with a strong foundation in Web Development and Artificial Intelligence, currently pursuing a BTech in Computer Science (AI & ML). Passionate about building scalable full-stack applications and solving real-world problems using modern technologies. Seeking opportunities to apply technical and analytical skills in innovative and collaborative tech environments.

EDUCATION

Bachelor of Technology in Computer Science and Engineering (AI & ML) | 2023-2027

Parul University || CGPA: 8.15/10

Senior Secondary (Class 12), CBSE | 2021-2023

Kendriya Vidyalaya ||Percentage: 74.5

SKILLS

- **Programming:** Python, Java, C
- **Web:** HTML5, CSS3, Flask ,Django
- **Databases:** SQL, MySQL
- **CS Fundamentals:** Data Structures & Algorithms (DSA), Object-Oriented Programming (OOP), Database Management Systems (DBMS), Operating System Concepts, Competitive Programming (CP)
- **ML/AI:** TensorFlow, OpenCV , Scikit-learn

PROJECTS

Krishi AI - Smart Farming Assistant

- **Technologies:** Django, Gemini Pro Vision, Open WeatherMap, HTML/CSS, JS
- AI-powered web application to assist farmers in crop health monitoring.
- Features crop image analysis using Gemini Vision, real-time weather based on user location, voice-enabled assistant, AI chatbot, and dynamic crop dashboard.
- **GitHub:** github.com/SairajPP/FarmingAI

Maternal Health Monitoring System

- **Technologies:** Flask, Gemini AI, SQLite, Python, HTML/CSS
- AI-based web platform for monitoring maternal health. Includes ML-based risk detection, multilingual support, and a Gemini-powered conversational AI.
- Enables real-time doctor-patient interaction with emphasis on privacy and accessibility.
- **GitHub:** github.com/SairajPP/Maternalhealthsystem

Hand Gesture Recognition for Keyboard Control

- **Technologies:** Python, OpenCV, cvzone, pyautogui
- Real-time system to control keyboard arrow keys based on hand gestures.
- Uses computer vision and gesture detection to enable touchless navigation. Optimized for responsiveness and accessibility.
- **GitHub:** github.com/SairajPP/handSignHIIIClimbing

ACHIEVEMENTS

- Certified Smart Coder - Silver by Smart Interviews, ranked 4702/43963 globally.
- Participated in AI/ML Hackathon 2.0 by myOnsite Healthcare and Parul University (June 2025), developing innovative AI healthcare solutions.
- Ranked 1,548 on LeetCode (sairaj0905) and CodeChef rating 1,429 (sairajpawar05), showcasing strong algorithmic and competitive programming skills.

ACTIVITIES

- Attended AWS CloudVerse 2025, gaining hands-on exposure to AWS cloud technologies and architecture.
- Engaged in the VAC Technical Event at Parul University, enhancing teamwork and technical communication.