

SAIRAJ PAWAR

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Objective

Aspiring Software Engineer with strong foundations in full-stack web development, machine learning, and data structures & algorithms. Experienced in building AI-driven, real-world applications across agriculture, healthcare, and sustainability domains. Seeking an opportunity to contribute to impactful, scalable software solutions in a collaborative and innovation-driven environment.

Education

Bachelor of Technology in Computer Science & Engineering (AI & ML)	2023 -2027
Parul University CGPA: 8.15/10	
Senior Secondary (Class 12), CBSE	2021 – 2023
Kendriya Vidyalaya Percentage: 74.6%	

Technical Skills

- Programming:** Python, Java, C
- Web Development:** HTML5, CSS3, Flask, Django
- Databases:** SQL, MySQL, SQLite, MongoDB
- CS Fundamentals:** Data Structures & Algorithms (DSA), Object-Oriented Programming (OOP), Database Management Systems (DBMS), Operating Systems.
- AI/ML:** OpenCV, Scikit-learn, NumPy , Pandas , Matplotlib
- Tools & Others:** Git, Competitive Programming

Projects

EcoFeast – Real-Time Food Waste Redistribution Platform || [GitHub](#)

- Tech: Django, Python, scikit-learn, JavaScript, Leaflet.js, OpenStreetMap API, SQLite
- Developed **AI-driven** platform connecting food donors with NGOs using scikit-learn to predict freshness scores based on temperature, storage duration, and hygiene factors
- Integrated Leaflet.js for interactive mapping with live route tracking and dynamic marker updates between donors and NGOs
- Built real-time "Live Pickups" dashboard with status synchronization to optimize logistics and minimize food spoilage

Maternal Health Monitoring System || [GitHub](#)

- Tech: Python, Django, Django REST Framework, Google Gemini API, MySQL, HTML5, CSS3
- Architected secure telemedicine platform with Role-Based Access Control (RBAC) for private patient-doctor consultations
- Integrated Gemini API to build **AI-powered** triage chatbot delivering symptom-based health analysis and automated guidance
- Implemented doctor verification workflow to validate credentials and ensure trusted consultation environment

Achievements

- Certified Smart Coder – Silver, Smart Interviews (*Ranked 4,702 / 43,963 globally*)
- HackerRank Software Engineer Role Certification : *Passed role-based assessment covering problem-solving, data structures, and software engineering fundamentals*
- AI/ML Hackathon 2.0 (June 2025) Participated and developed innovative AI-driven healthcare solutions.
- Competitive Programming
 - LeetCode: 520+ Questions solved with Global Rank 1,648 (ID: [sairaj0905](#))
 - CodeChef: Max Rating 1,430 (ID: [sairajpawar05](#))

Activities

- Attended **AWS CloudVerse 2025**, gaining hands-on exposure to AWS cloud technologies.
- Participated in **VAC Technical Event, Parul University**, enhancing teamwork and technical communication skills.