

## 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.

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## 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%**

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## 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
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## 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
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## 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](#))
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## 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.