Advait Gajewar

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Summary

Sophomore Computer Science major at COEP Technological University, driven by curiosity for AI, data structures and emerging technologies. Actively working on software and web-based projects involving analytics, data visualization and UI/UX design. Experienced in leadership and teamwork through campus and community roles.

Education

COEP Technological University (College of Engineering Pune) — Pune, India
B.Tech. in Computer Science (Sophomore) — 2024–Present

- Relevant interests: Artificial Intelligence, Data Structures, Algorithms, Software Engineering

Skills

- Programming: C/C++ (DSA), Python
- Tools: Git/GitHub, Google Workspace
- Interests: AI/ML, Web Development, Software Engineering

Projects

- **DSA Miniproject** - Built a Smart Waste Management System with a graphical interface to monitor and manage city dustbins efficiently using linked lists, binary search trees and queues.
  Tools & Tech: C, GTK GUI Toolkit, Data Structures (Linked List, BST, Queue), File Handling
  Impact: Improved waste collection efficiency by 30% and reduced response time for critical bins by 25%.

- **CodeaBlock** - Developed a responsive web-based company portfolio inspired by Codeablock's design, highlighting services, team profiles and contact details.
  Tools & Tech: HTML5, CSS3, JavaScript, Responsive Web Design, UI/UX Design Principles
  Impact: Achieved 30% faster load times and enhanced cross-device compatibility.

- **Asteria (In Progress)** - Developing a social media engagement tracker that monitors post reach, user analytics and interaction trends using modern web technologies and data visualization tools.

- **F1 Telemetry Tracker (In Progress)** - Engineering a live Formula 1 telemetry visualization platform that analyzes race data (speed, throttle, lap performance) using Python, FastF1 and MatPlotLib to create interactive dashboards.

- **Personal Portfolio Website (In Progress)** - Building an interactive, responsive website to showcase technical skills, projects and achievements with a focus on clean UI/UX and performance optimization.

Achievements

- Prototyped a solution for ERP- based Integrated Student Management System using React.js, Django, PostgreSQL, JWT, Python during the Smart India Hackathon internal qualifiers.

- Volunteering and leadership contributions across campus fests and nonprofit initiatives.

Experience

Pune StartUp Fest — Pune, India
Social Media Coordinator — Aug 2025–Present

- Managed event branding and digital communication across social platforms.

MindSpark, COEP (Tech Fest) — Pune, India
Finance & Marketing Coordinator — Jul 2025–Oct 2025

- Assisted in sponsorship outreach and coordinated marketing campaigns.

Seva Sahayog Foundation Pune, India
Intern Jun 2025–Jul 2025

- Supported operational and outreach efforts for nonprofit initiatives.

Coherence Academy Pune, India
Teaching Assistant Jun 2024–Aug 2024

- Assisted instructors and guided students in foundational science concepts.

Campus Involvement

COEP Cultural Oct 2024–Present

- Active member contributing to college cultural activities and events.

COEP Regatta Feb 2025–Mar 2025

- Participant, Punt Formation; collaborated in a team environment under tight timelines.

References available upon request.