

# Shashwat Shandil

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🔗 GitHub | LinkedIn

## Career Objective

A passionate and detail-oriented Computer Science student, eager to apply full-stack development, UI/UX design, and AI/ML knowledge to real-world challenges. Looking to contribute to innovative projects and continuously grow in a dynamic tech environment.

## Technical Skills

- Languages: C++, Python, JavaScript, HTML, CSS
- Web Development: HTML5, CSS3, JavaScript, Tailwind, Bootstrap, React (learning), Flask
- Frameworks/Libraries: TensorFlow, OpenCV, Flask, YOLO, Tkinter
- Databases: MySQL, Firebase, MongoDB
- Tools & Cloud: Git, GitHub, Google Colab, VS Code
- Architecture & APIs: MVC, REST APIs, JWT
- UI/UX & Other Skills: Figma, Canva, Agile Workflow, SEO Basics, Responsive Design

## Projects

- COER Quiz
  - An internal quiz platform for student practice and assessment.
  - Tech Used: HTML, CSS, JS, Firebase
  - Features: Admin panel, leaderboard, MCQs, timer, user login
  - Hackathon: Internal Hackathon 5.0 | Repo: GitHub
- Crop Disease Diagnosis App
  - A smart app to detect crop diseases using computer vision and ML.
  - Tech Used: Python, YOLO, OpenCV, Tkinter → Migrated to Web using HTML/CSS
  - Features: Real-time prediction, image input, visual feedback
  - Repo: GitHub
- Attendance Management System
  - Web-based platform to streamline student attendance tracking.
  - Tech Used: HTML, CSS, JS, Firebase
  - Features: Timetable creation, multi-subject support, attendance logging
- Carbon Footprint Monitoring App

- App to track and reduce daily carbon impact.
- Tech Used: React, Firebase, APIs
- Features: Promotes environmental awareness through tech
- Hackathon: Hack the Hill, Youthopia 2024

## Education

- B.Tech in Computer Science & Engineering

College of Engineering Roorkee (COER) | 2022 – 2026

CGPA: 6.5 (till 4th semester)

Relevant Coursework: Data Structures, DBMS, OS, AI, CN

## Achievements & Competitions

- Internal Hackathon 5.0 – Project: COER Quiz
- Youthopia 2024 Hack the Hill – Project: Carbon Tracker

## Currently Exploring

- Full Stack Development with React
- Computer Vision & ML (YOLO, OpenCV)
- UI/UX Design & Web Accessibility
- Firebase integration and real-time apps

## Other Skills

- Team Collaboration & Communication
- Public Speaking & Project Demos
- Design Thinking & Wireframing
- Time Management & Continuous Learning