

# SUHANİ TIWARI

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[sushiiii - LeetCode Profile](#) / [suhani2406 \(suhani tiwari\)](#)

## Welcome to SuhaniCV!

Aspiring Software Engineer & Full-Stack Developer with hands-on experience in building scalable web applications. Passionate about problem-solving (100+ LeetCode), UI/UX design, and optimizing system performance. Proficient in React, Node.js, MongoDB, and Python.

## TECHNICAL SKILLS

### Software Engineering (SWE) Focus:

- **Languages:** JavaScript, Python, Java, C++
- **DSA & System Design:** LeetCode (100+), OOP, Algorithms
- **Backend:** Node.js, Express, REST APIs
- **Databases:** MongoDB, MySQL

### Web Development Focus:

- **Frontend:** React, Next.js, HTML/CSS, Tailwind
- **Backend:** Node.js, Express
- **UI/UX:** Figma, Responsive Design
- **Deployment:** Vercel, Netlify

## EDUCATION

Bachelor of Technology (CSE) | Amity University, Lucknow (2023–2027)

- CGPA: 8.5 | Relevant Coursework: DSA, OS, Web Development

## EXPERIENCE

Web Development Intern | Skill Craft Technology (Dec 2024–Present)

- Built **Tic Tac Toe** and **To-Do App** with React, Tailwind, and CRUD operations.
- Optimized web performance, reducing load time by **20%**.

UI/UX Coordinator | Amity Innovation Club (Mar 2024)

- Conducted workshops for **100+ attendees** on Figma and prototyping.

Volunteer | WAFFLE Hack Club (Feb 2024–Present) and ALIAS CLUB

- Troubleshoot tech issues and organized coding events.

## PROJECTS

### Cafe Website •

**Technologies:** HTML, CSS, JavaScript • Designed and developed a responsive website for a cafe to enhance its online presence. • Included features such as an interactive menu, image carousel, and contact form with validation. • Utilized CSS animations and JavaScript to create a visually appealing and engaging user interface. • Ensured cross-browser compatibility and optimized loading times for a seamless user experience.

Spotify Clone | React, REST APIs, Tailwind CSS | Live Demo | GitHub

- **Objective:** Built a scalable music streaming platform mimicking Spotify's core functionality.
- **Key Features:**
  - Integrated Spotify's public API to fetch **real-time song data** and playlists.
  - Designed a **responsive UI** with dynamic search, play/pause controls, and dark mode.
  - Implemented **authentication** using OAuth 2.0 for user login.
- **Achievements:**
  - Improved API response time by **30%** using caching (Redis), Achieved **90+ Lighthouse score** for performance and accessibility

## Space Portfolio | Next.js, Three.js, NASA APIs | Live Demo | GitHub

Objective: A personalized, interactive portfolio with a space-themed UI to showcase my projects and connect with the tech/space community.

### Key Features:

3D Visualizations: Rendered satellite orbits/constellations using Three.js for immersive storytelling.

Real-Time Space Data: Integrated NASA APIs (e.g., Astronomy Picture of the Day) to auto-update content.

**Dynamic Blog:** Built with Next.js SSG/Markdown for technical write-ups about space tech. **Dark Mode & Animations:** Tailwind CSS + Framer Motion sleek, responsive UX.

## Flappy Bird Game | JavaScript, HTML5 Canvas, CSS Animations | Live Demo | GitHub

Objective: Developed a browser-based Flappy Bird clone with smooth gameplay mechanics and score tracking.

### Key Features:

Implemented physics-based movement (gravity, collision detection) using vanilla JavaScript.

Designed pixel-perfect UI with CSS animations for bird flaps and pipe movements.

Added local storage to save high scores and a difficulty selector (easy/medium/hard).

Achievements:: Achieved 60 FPS gameplay with optimized canvas rendering.

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## ADDITIONAL ACHIEVEMENTS

**LeetCode:** 200+ problems (DSA proficiency).

**Achievements :** Awarded for best disciplinary student and ranked overall 1 in school for Jee mains with great %ile

**Certifications:** Java, CSS, AI (Hackerrank), UI/UX certificate, SkillCraft Internship Certificate

**Forage:** Accenture Virtual Internship.