

# Sakshi Singh

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## EDUCATION

**Thapar Institute of Engineering and Technology**  
*BE - EEC (Electrical and Computer Engineering) CGPA : 9.10*

Patiala, Punjab  
2022 – 2026

**Maharishi Vidya Mandir**  
*CBSE Class XII : 90.4%*

Naini, Prayagraj  
2021 – 2022

## EXPERIENCE

### Winner – JPMorgan Chase Code for Good 2024

June 2024

*Mumbai*

- \* Developed a full-stack web solution for an NGO using React, Node.js, PostgreSQL.
- \* Designed a scalable API architecture to handle real-time data for 1,000+ users.

### UI/UX Mentor : Google Developer Students Club

June 2023 – Present

*Thapar University*

*Punjab, Patiala*

- \* Designed intuitive UIs for DSC's hackathon and portal website, improving engagement by 30%.
- \* Conducted a workshop on the basics of Figma and UI/UX, educating 50+ students on design fundamentals and practical application.

### CORE MEMBER : Saturnalia (Techno Cultural Fest)

2023

*Thapar University*

*Patiala, Punjab*

- \* Contributed to the UI design of the Saturnalia mobile app, which achieved 12K+ downloads during the festival.

## PROJECTS

### Asteroid Game

*HTML, CSS, JS*

[GitHub](#)

- A simple browser-based asteroid game where you control a spaceship using the "W," "A," "S," and "D" keys. The objective is to navigate your spaceship and avoid incoming bubbles that appear from various directions.

### News-Magazine

*React, API, Git*

[GitHub](#)

- Developed a dynamic and responsive news-magazine website using React, delivering the latest news articles, editorials, and multimedia content in a modern and user-friendly interface.

### Duolingo UI/UX Case Study

- Identified strengths and weaknesses in Duolingo's UI/UX through user research, usability testing, and comparative analysis with other language learning platforms.

## TECHNICAL SKILLS

**Languages:** Python, C/C++, SQL, JavaScript, HTML/CSS,

**Frameworks:** React, Node.js, Flask, Git ,AWS,(EC2,S3)

**Core Competencies:** Data Structure and Algorithm(DSA),OOP,Computer Networks, OS, Problem Solving

**Libraries:** pandas, NumPy, Matplotlib

## ACHIEVEMENTS AND EXTRA CURRICULAR ACTIVITIES

Led a 6-member team to develop a scalable full-stack solution for an NGO, handling 1,000+ users with AWS, React, Node.js, PostgreSQL..

Merit Scholarship Holder at Thapar University

Speaker & Mentor – UI/UX Bootcamps at GDSC & ACM (Trained 50+ students).