Sakshi Singh

9335347532 | ssingh33_be22@thapar.edu | [Linkedin](#) | [Github](#) | [Leetcode](#) |

EDUCATION

Thapar Institute of Engineering and Technology Patiala, Punjab
BE - EEC (Electrical and Computer Engineering) CGPA : 9.00 *2022 – 2026*

Maharishi Vidya Mandir Naini, Prayagraj
CBSE Class XII : 90.4% *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).