

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).