

Sharanya Ghosh

Student Developer & Designer

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- Kolkata, India

SKILLS

Design: Expert in Canva and Adobe Express for UI/UX prototyping and graphic illustration



Development: Python, C, Vercel (Deployment), GitHub, and AI-driven web utilities.



Ambassadorship: Strategic content creation, visual storytelling, and cross-functional team management.



LANGUAGES

Bengali	Native
English	Advanced
Hindi	Advanced

PROFESSIONAL SUMMARY

Dynamic **Digital Scrapbooker** and **Developer** with a strong foundation in **UI/UX design** and graphic illustration. Expert in leveraging **Canva** and **Adobe Express** to create high-impact visual content that enhances brand visibility and community engagement. Specialised in utilizing **Vercel** for seamless deployment and integrating **AI chatbots** to refine user journeys and elevate UI/UX features. Proven leader in hackathon environments, recognized for managing cross-functional teams and delivering innovative, user-centric web solutions.

WORK EXPERIENCE

Team Manager

Smart India Hackathon

September 2025 - November 2025 | Kolkata

Led a multidisciplinary team to meet 100% of project deadlines through agile risk management and performance evaluation.

UI/UX Designer

MCKV Hackathon

October 2025 - December 2025 | Kolkata

Developed: SmartDoc Formatter: AI-Enhanced Text Architect

- Developed user-centric MVPs and integrated Canva and Adobe Express into design workflows to streamline user journeys.
- Delivered an evolved version of the utility by implementing significant iterative changes based on stakeholder feedback and performance testing.
- Utilised V0 by Vercel to create high-fidelity prototypes for ui/ux designing, ensuring a seamless transition from design to implementation.
- Deployed the final architecture using Vercel to demonstrate a high-performance, live web utility.

EDUCATION

Bachelor of Technology

MCKV Institute of Engineering

August 2024 - Present | Kolkata

MCKV Institute of Engineering | B.Tech in Computer Science & Engineering | Expected 2028

1. Technical Focus: Developing expertise in Data Structures, Algorithms, and Software Engineering using Python and C.
2. Cloud & AI: Experienced in deploying full-stack projects via Vercel and integrating AI chatbots for enhanced UI/UX.

3. Coursework: Completed NPTEL: The Joy of Computing using Python , mastering recursion, cryptography, and image processing.

Board Exams [ICSE&ISC]

St Agnes Convent School

May 2014 - May 2024 | Kolkata

St Agnes Convent School | Science with Computer | Graduated 05/2024

1. Leadership: Served as a Senior Member of the Cultural Society and Treasurer of the Nature Club , facilitating photography workshops, exhibitions and many more.
2. Creative: Received accolades for digital poster making and producing interactive video content for school-wide initiatives.

CERTIFICATIONS & COURSES

Joy of Computing using Python

NPTEL

January 2025 - April 2025

Here is what I mastered from the Course:

1. Variables and Expressions : Designed basic tools like a calculator.
2. Control Flow : Mastered loops and conditionals using analogies like "Hopscotch" for repetitive procedures.
3. Data Structures : Utilized Lists, Tuples, and Dictionaries for organising and retrieving information
4. Algorithmic Thinking : Explored Sorting and Searching techniques.
5. Recursion : Applied complex problem-solving using the "Tower of Hanoi" example.
6. Abstraction : Learned how computer science principles are applied in everyday smartphone apps.
7. Image Processing : Manipulated images using Python.
8. Scratch : Introduced loops and animations visually before transitioning to Python.
9. Game Development : Built logic for classic games like Tic Tac Toe, Snakes and Ladders, and Rock, Paper, Scissors.

PROJECTS

SmartDoc Formatter: AI-Enhanced Text Architect

Lead Developer and Designer

October 2025 - Present

A high-performance web utility designed to transform raw, unorganised text into professionally structured documents instantly, bridging the gap between rapid development and high-end design. This project features a custom UI generated through **V0 by Vercel**, seamlessly integrating functionality and aesthetics to produce a streamlined user experience.

1. Git Repo: <https://github.com/espressodrivendevelopment/document-formatter-web-app>
2. MVP : <https://drive.google.com/file/d/1pgIIlnL3EZK1YMj3thsf-PxRF4Xtkdvft/view?usp=sharing>