

Pritangshu Karmakar

Kolkata, India

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TECHNICAL SKILLS

- **Languages:** Python, Java, JavaScript, Bash, HTML5/ CSS3
 - **Frameworks/Libraries:** Django, Flask, Tkinter, OpenCV, TailwindCSS
 - **Database:** NoSQL (MongoDB), SQL (PostgreSQL, MySQL, SQLite)
 - **Tools & Platforms:** Git, Github, Linux, VS Code, PyCharm, Google Sheets
 - **Technologies:** Spline, Vectary, Deployment (Render, Vercel, Railway)
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PROJECTS

Portfolio Website | HTML, CSS, JavaScript

- Designed and developed a cyberpunk-themed portfolio website with a glowing, futuristic interface. Implemented an animated network nodes background using custom JavaScript and CSS to simulate a connected digital grid.
- Showcases personal projects, technical skills, and resume in an engaging visual format.

[Live](#)

Babble - Real time Chat app | Django, Pillow

- A real-time chat app built with Django, offering instant messaging, customizable profiles, and a secure environment.
- It features a responsive design, message deletion, and user privacy.

[Live](#)

SurMantra - Official Music Portfolio with User Auth | Django, Cloudinary, Neon

- A dynamic, full-stack musical portfolio platform that showcases the captures of one's musical journey—from heartfelt covers to soulful originals adds up with user authentication.
- Perfect for event organizers, fans, or collaborators to reach out.

[Live](#)

Motion Detection using OpenCV

- Detects motion in real-time using a webcam. It processes video frames, detects motion, and highlights moving objects with rectangles.
- The results are saved as an output video file (motion_output.avi) and individual frames where motion is detected (motion_frame_{frame_number}.png).

[Code](#)

EDUCATION

Kalyani Government Engineering College

October 2022 - July 2026

B.Tech in Computer Science
